

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070125\
 Data File : BP025055.D
 Acq On : 01 Jul 2025 14:09
 Operator : RC/JU
 Sample : Q2117-03
 Misc : MDL-SOIL-4PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-QT2-2025-03

Quant Time: Jul 01 15:25:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP063025.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 01 11:17:33 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/02/2025
 Supervised By :Jagrut Upadhyay 07/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	433760	20.000	ng/u1	0.00
20) Naphthalene-d8	10.190	136	1776555	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.101	164	1178222	20.000	ng/u1	0.01
64) Phenanthrene-d10	16.925	188	2463237	20.000	ng/u1	0.01
79) Chrysene-d12	21.348	240	2713671	20.000	ng/u1	0.00
88) Perylene-d12	24.483	264	2872744	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	39146	4.039	ng/uL	0.00
4) Pyridine-d5	3.472	84	424627	15.476	ng/u1	0.00
7) Phenol-d5	6.631	99	524957	15.721	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.796	67	316710	16.476	ng/u1	0.00
11) 2-Chlorophenol-d4	6.990	132	444781	16.461	ng/u1	0.00
15) 4-Methylphenol-d8	8.131	113	425907	15.747	ng/u1	0.00
21) Nitrobenzene-d5	8.572	128	195230	16.370	ng/u1	0.00
24) 2-Nitrophenol-d4	9.284	143	164639	15.837	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.813	165	416902	15.782	ng/u1	0.00
31) 4-Chloroaniline-d4	10.319	131	652084	16.030	ng/u1	0.00
46) Dimethylphthalate-d6	13.507	166	1419608	16.773	ng/u1	0.00
49) Acenaphthylene-d8	13.784	160	1650857	16.656	ng/u1	0.00
54) 4-Nitrophenol-d4	14.290	143	228899	14.317	ng/u1	0.00
60) Fluorene-d10	15.119	176	1230670	16.937	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.231	200	125914	11.764	ng/u1	0.00
73) Anthracene-d10	17.025	188	1961424	16.563	ng/u1	0.00
81) Pyrene-d10	19.413	212	2272406	16.327	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.271	264	2430804	16.824	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.125	88	16502	1.577	ng/uL#	93
5) Pyridine	3.490	79	125879	4.428	ng/u1#	87
6) Benzaldehyde	6.602	77	99970	6.178	ng/u1	98
8) Phenol	6.655	94	155330	4.531	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.884	93	124743	4.723	ng/u1	99
12) 2-Chlorophenol	7.019	128	129652	4.689	ng/u1	97
13) 2-Methylphenol	7.878	108	111496	4.271	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	7.978	45	171133	4.685	ng/u1	98
16) Acetophenone	8.249	105	201785	4.761	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.237	70	90615	4.680	ng/u1	97
18) 4-Methylphenol	8.196	108	126261	4.473	ng/u1	96
19) Hexachloroethane	8.502	117	49208	4.667	ng/u1	90
22) Nitrobenzene	8.613	77	129958	4.705	ng/u1	97
23) Isophorone	9.131	82	255943	4.490	ng/u1	99
25) 2-Nitrophenol	9.313	139	55777	4.585	ng/u1	97
26) 2,4-Dimethylphenol	9.384	107	120735	4.120	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.619	93	164749	4.672	ng/u1	98
29) 2,4-Dichlorophenol	9.843	162	121918	4.620	ng/u1	95
30) Naphthalene	10.237	128	444563	4.768	ng/u1	100
32) 4-Chloroaniline	10.343	127	182444	4.569	ng/u1	98
33) Hexachlorobutadiene	10.543	225	82841	4.708	ng/u1	97
34) Caprolactam	11.090	113	51581	5.514	ng/u1	94
35) 4-Chloro-3-methylphenol	11.478	107	116125	4.412	ng/u1	95
36) 2-Methylnaphthalene	11.872	142	319137	4.804	ng/u1	99

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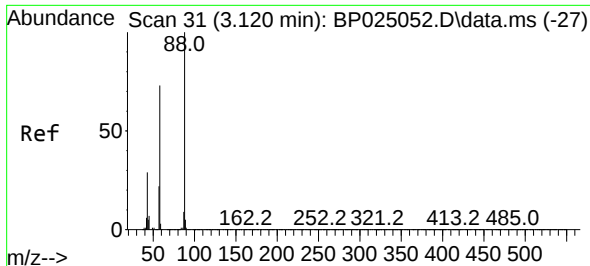
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Manual Integrations
 APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.084	142	305448	4.680	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.249	216	157720	4.535	ng/ul	99
40) Hexachlorocyclopentadiene	12.237	237	82986	4.876	ng/ul	98
41) 2,4,6-Trichlorophenol	12.484	196	84370	4.103	ng/ul	96
42) 2,4,5-Trichlorophenol	12.560	196	97454	4.260	ng/ul	99
43) 1,1'-Biphenyl	12.913	154	410167	4.700	ng/ul	100
44) 2-Chloronaphthalene	12.943	162	320115	4.717	ng/ul	98
45) 2-Nitroaniline	13.137	65	48569	3.787	ng/ul	96
47) Dimethylphthalate	13.548	163	403607	4.832	ng/ul	99
48) 2,6-Dinitrotoluene	13.660	165	48528	3.711	ng/ul	91
50) Acenaphthylene	13.807	152	546105	4.860	ng/ul	99
51) 3-Nitroaniline	13.984	138	56594	3.699	ng/ul#	88
52) Acenaphthene	14.166	153	347224	4.784	ng/ul	98
53) 2,4-Dinitrophenol	14.201	184	38964	5.971	ng/ul	96
55) 4-Nitrophenol	14.307	109	64986	5.733	ng/ul	97
56) Dibenzofuran	14.513	168	497541	4.838	ng/ul	99
57) 2,4-Dinitrotoluene	14.472	165	74936	3.881	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.742	232	77882	4.212	ng/ul	98
59) Diethylphthalate	14.966	149	384555	4.713	ng/ul	99
61) Fluorene	15.178	166	403870	4.858	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.190	204	198308	4.832	ng/ul	99
63) 4-Nitroaniline	15.184	138	66218	4.390	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.242	198	40535	3.479	ng/ul#	75
67) N-Nitrosodiphenylamine	15.401	169	336615	4.616	ng/ul	99
68) 4-Bromophenyl-phenylether	16.107	248	115849	4.484	ng/ul	99
69) Hexachlorobenzene	16.213	284	154329	4.762	ng/ul	98
70) Atrazine	16.389	200	180841	6.749	ng/ul	99
71) Pentachlorophenol	16.566	266	122231	6.239	ng/ul	98
72) Phenanthrene	16.966	178	660311	4.815	ng/ul	99
74) Anthracene	17.054	178	668980	4.868	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.860	216	160540	4.357	ng/uL	98
76) Pentachlorobenzene	14.431	250	169372	4.545	ng/uL	100
77) Carbazole	17.336	167	572614	4.648	ng/ul	99
78) Di-n-butylphthalate	17.972	149	567263	4.175	ng/ul	99
80) Fluoranthene	19.072	202	716971	4.435	ng/ul	98
82) Pyrene	19.448	202	801876	4.673	ng/ul	99
83) Butylbenzylphthalate	20.436	149	176700	3.546	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.272	252	216746	4.370	ng/ul	99
85) Benzo(a)anthracene	21.330	228	806992	4.624	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.330	149	320588	3.833	ng/ul	98
87) Chrysene	21.395	228	761363	4.680	ng/ul	99
89) Di-n-octyl phthalate	22.560	149	430630	3.026	ng/ul	100
90) Benzo(b)fluoranthene	23.501	252	745857	4.406	ng/ul	99
91) Benzo(k)fluoranthene	23.566	252	783867	4.642	ng/ul	98
93) Benzo(a)pyrene	24.330	252	711247	4.461	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.024	276	866706m	4.287	ng/ul	
95) Dibenzo(a,h)anthracene	28.124	278	706172m	4.339	ng/ul	
96) Benzo(g,h,i)perylene	29.095	276	772518	4.648	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



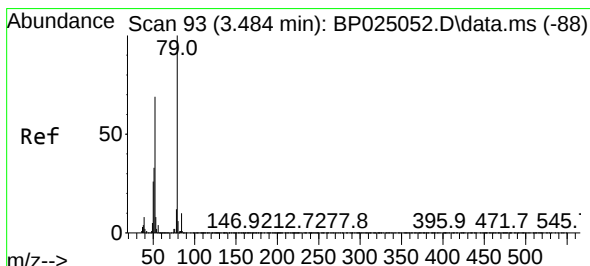
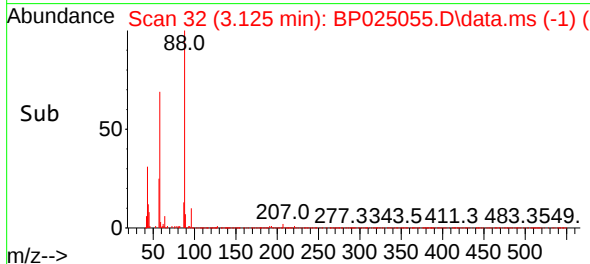
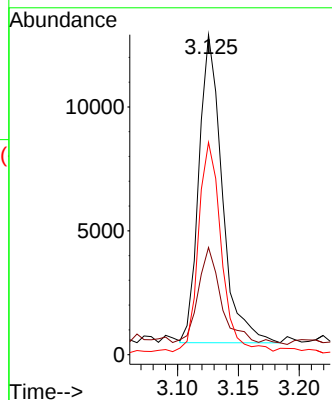
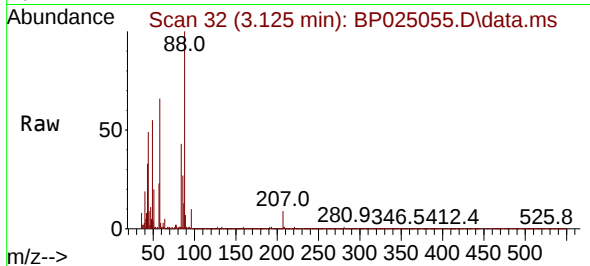
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1,4-Dioxane
Concen: 1.577 ng/uL
RT: 3.125 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03

Tgt Ion: 88 Resp: 16502
Ion Ratio Lower Upper
88 100
43 33.5 20.4 30.6
58 66.3 55.2 82.8

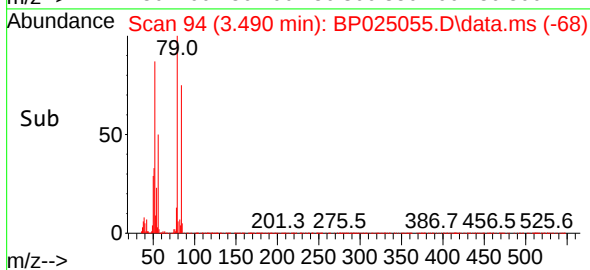
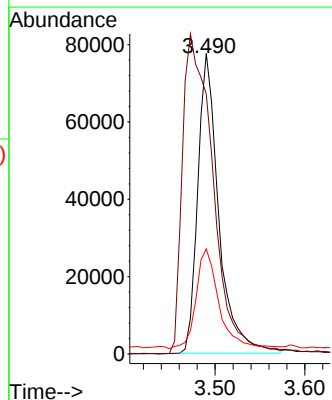
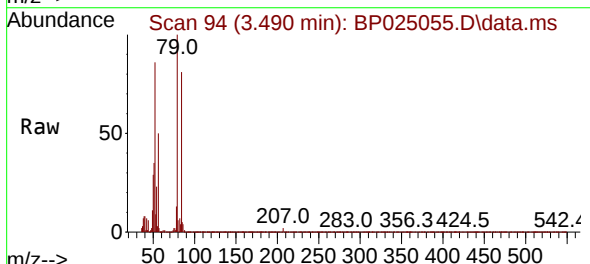
Manual Integrations
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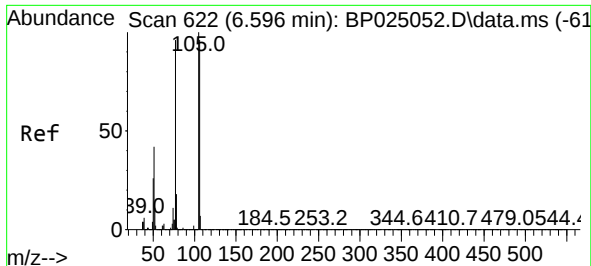
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#5
Pyridine
Concen: 4.428 ng/uL
RT: 3.490 min Scan# 94
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Tgt Ion: 79 Resp: 125879
Ion Ratio Lower Upper
79 100
52 86.5 56.6 84.8
51 35.0 27.8 41.6





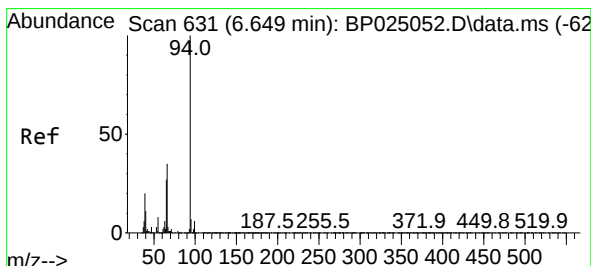
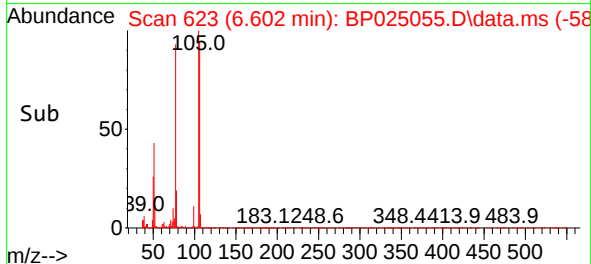
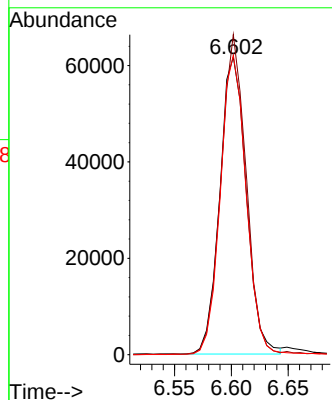
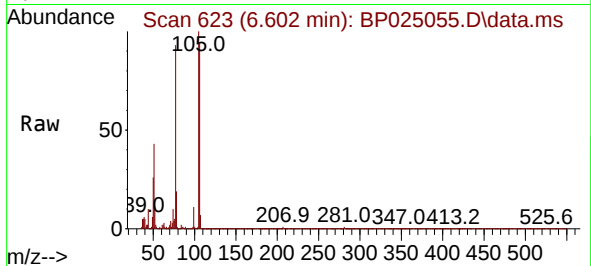
#6
Benzaldehyde
Concen: 6.178 ng/ul
RT: 6.602 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03

Tgt Ion: 77 Resp: 99970
Ion Ratio Lower Upper
77 100
105 107.5 83.4 125.2
106 100.7 79.9 119.9

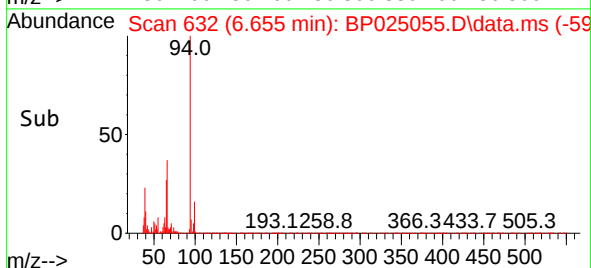
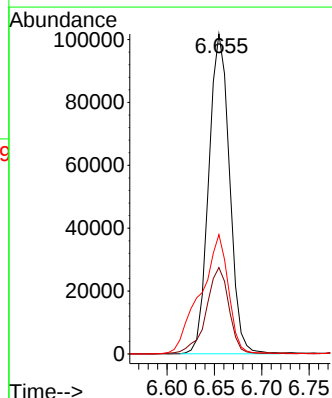
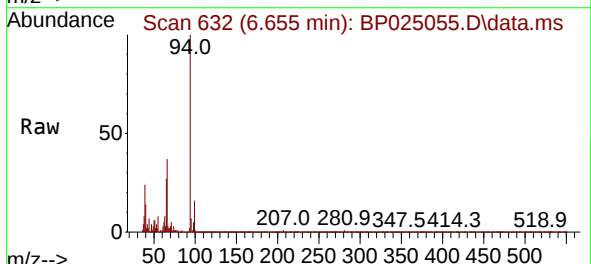
Manual Integrations
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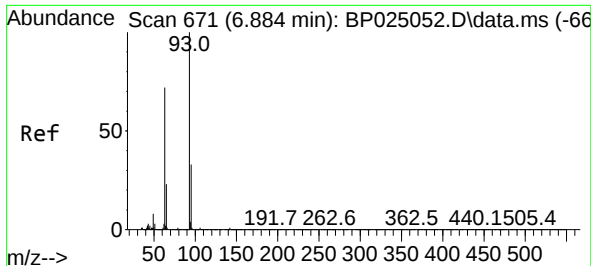
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#8
Phenol
Concen: 4.531 ng/ul
RT: 6.655 min Scan# 632
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

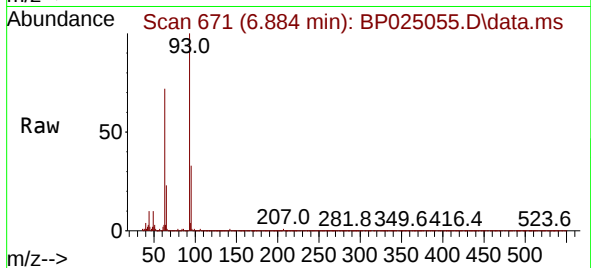
Tgt Ion: 94 Resp: 155330
Ion Ratio Lower Upper
94 100
65 27.0 20.7 31.1
66 37.3 27.3 40.9





#10
Bis(2-Chloroethyl)ether
Concen: 4.723 ng/ul
RT: 6.884 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

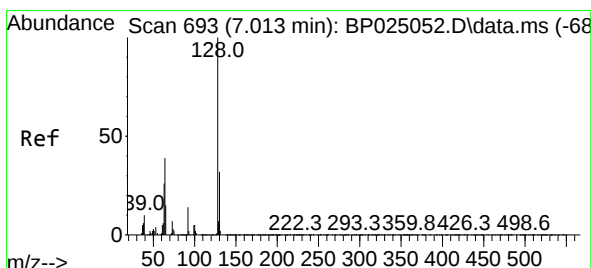
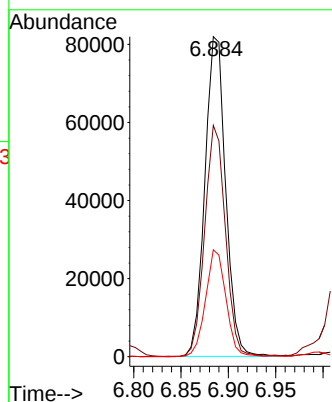
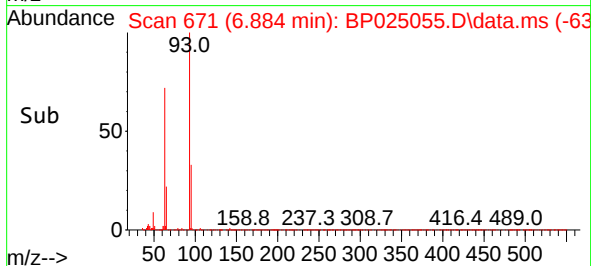
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion: 93 Resp: 12474
Ion Ratio Lower Upper
93 100
63 72.3 58.4 87.6
95 33.4 26.2 39.2

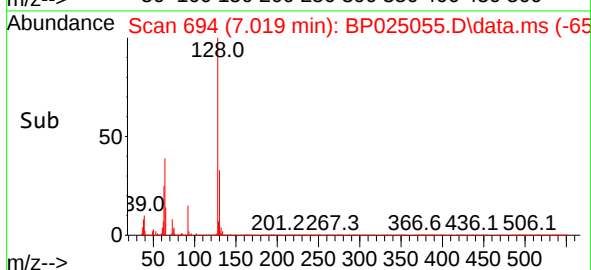
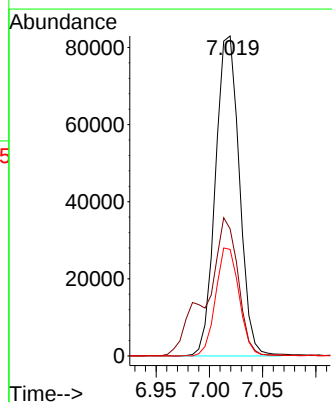
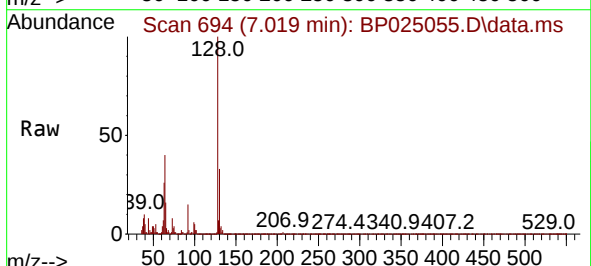
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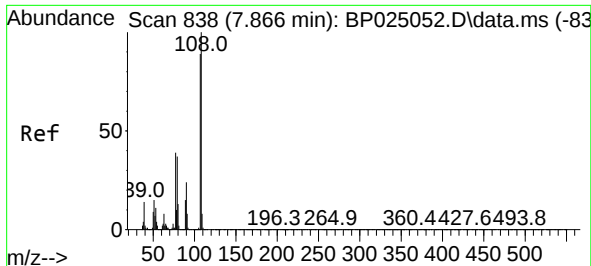
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#12
2-Chlorophenol
Concen: 4.689 ng/ul
RT: 7.019 min Scan# 694
Delta R.T. 0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Tgt Ion:128 Resp: 129652
Ion Ratio Lower Upper
128 100
64 39.7 34.1 51.1
130 33.3 26.2 39.4





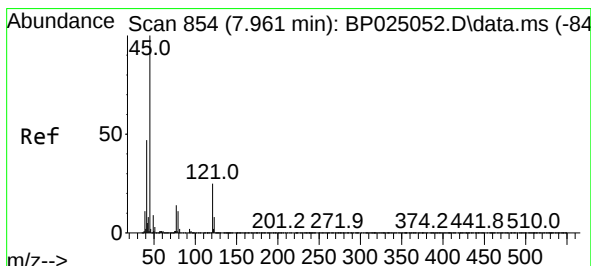
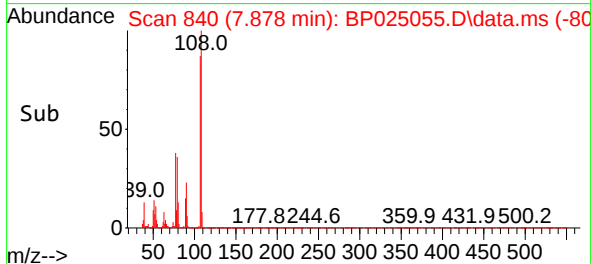
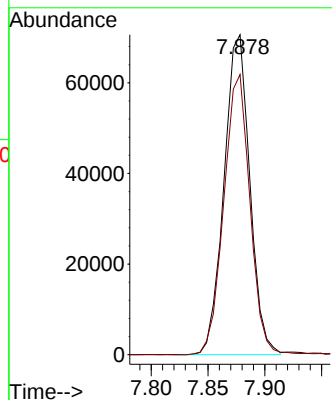
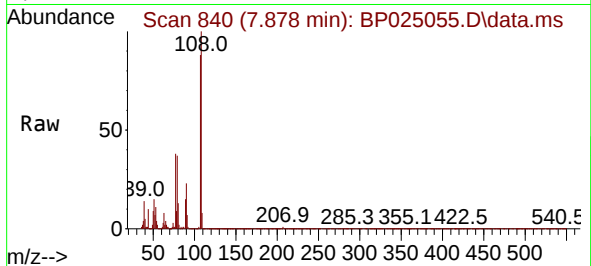
#13
2-Methylphenol
Concen: 4.271 ng/ul
RT: 7.878 min Scan# 840
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Instrument :
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ClientSampleId :
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Tgt Ion:108 Resp: 111490
Ion Ratio Lower Upper
108 100
107 87.5 71.7 107.5

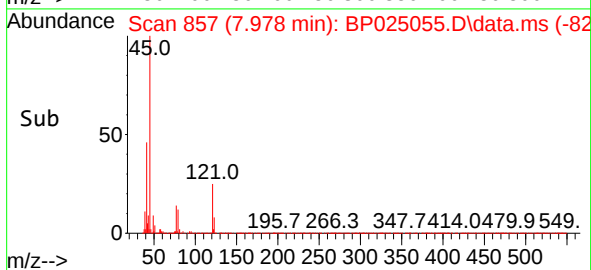
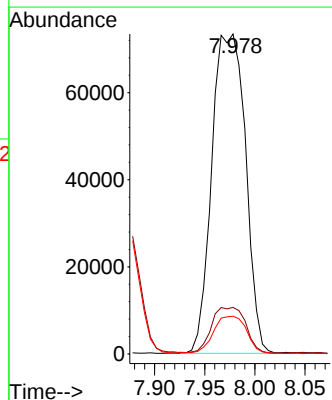
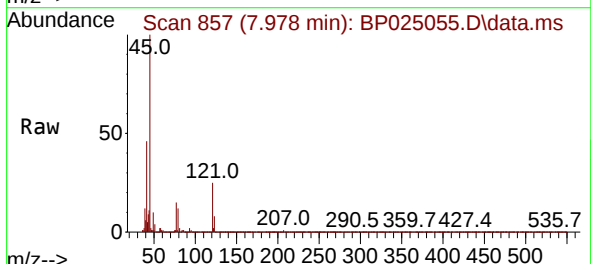
Manual Integrations
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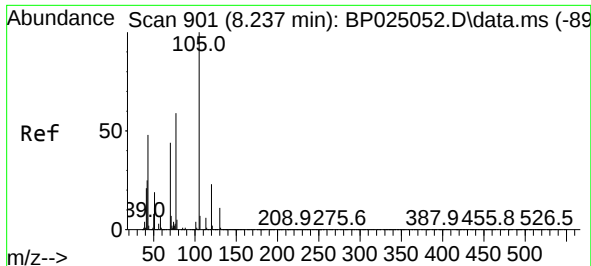
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.685 ng/ul
RT: 7.978 min Scan# 857
Delta R.T. 0.012 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

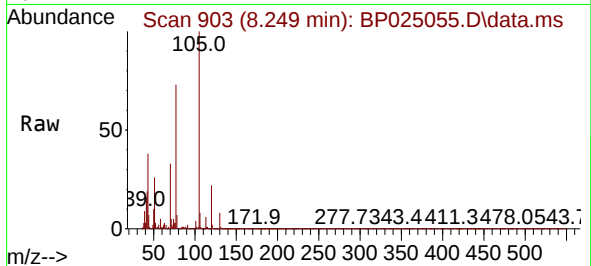
Tgt Ion: 45 Resp: 171133
Ion Ratio Lower Upper
45 100
77 14.6 11.3 16.9
79 11.8 8.6 13.0





#16
Acetophenone
Concen: 4.761 ng/ul
RT: 8.249 min Scan# 901
Delta R.T. 0.006 min
Lab File: BP025055.D
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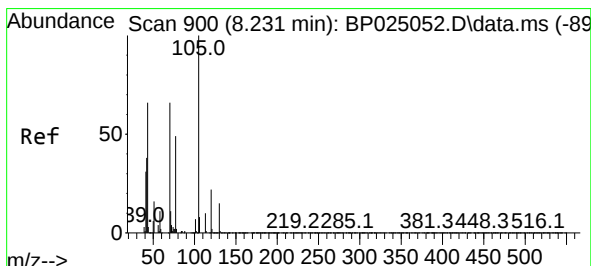
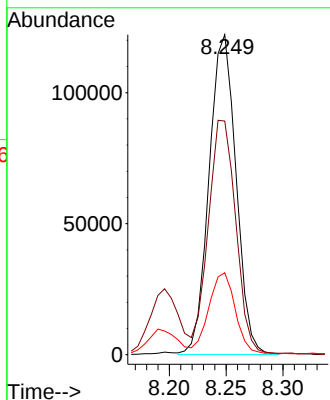
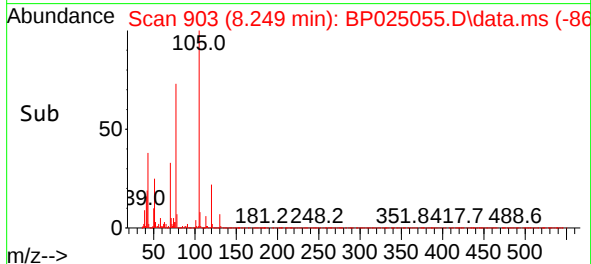
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03



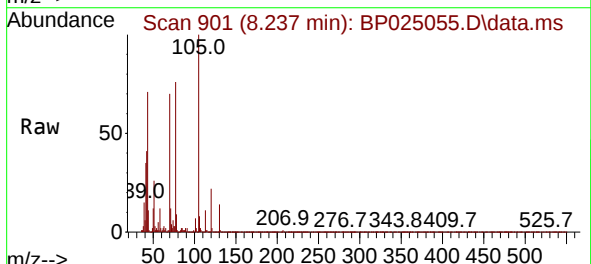
Tgt Ion: 105 Resp: 201785
Ion Ratio Lower Upper
105 100
77 73.0 60.0 90.0
51 25.6 20.3 30.5

Manual Integrations
APPROVED

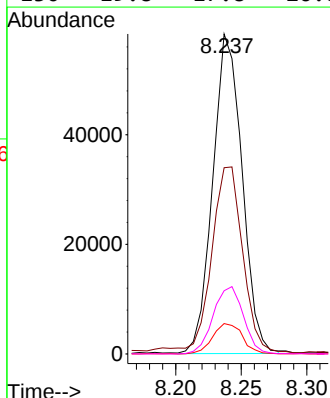
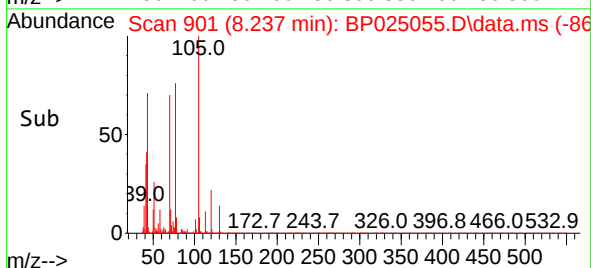
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

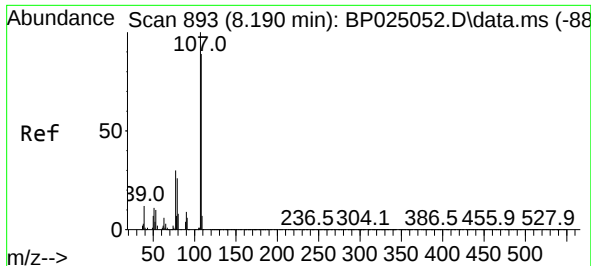


#17
N-Nitroso-di-n-propylamine
Concen: 4.680 ng/ul
RT: 8.237 min Scan# 901
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09



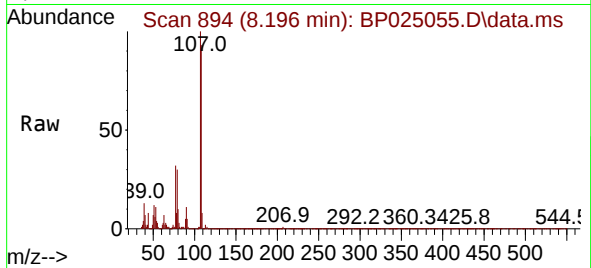
Tgt Ion: 70 Resp: 90615
Ion Ratio Lower Upper
70 100
42 58.2 47.6 71.4
101 9.5 8.0 12.0
130 19.8 17.8 26.8





#18
4-Methylphenol
Concen: 4.473 ng/ul
RT: 8.196 min Scan# 893
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

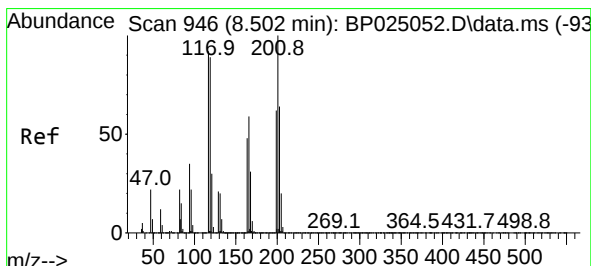
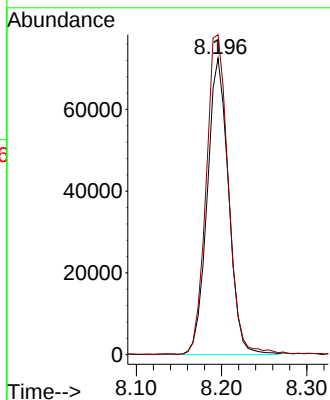
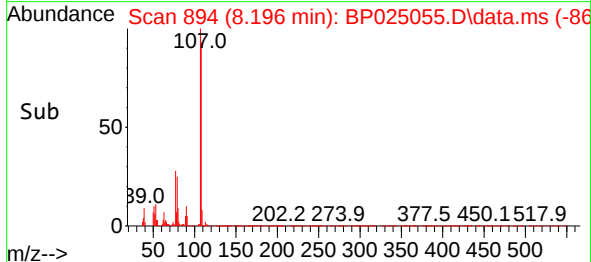
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:108 Resp: 12626
Ion Ratio Lower Upper
108 100
107 107.9 89.9 134.9

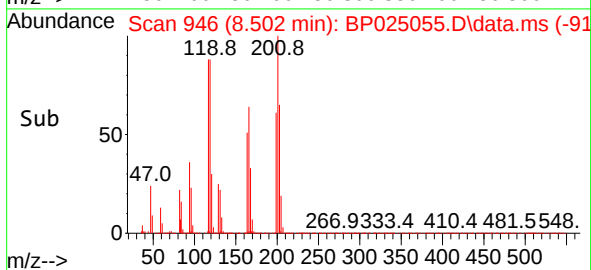
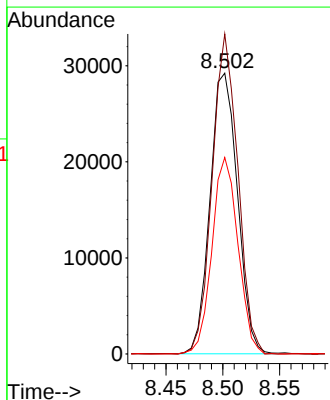
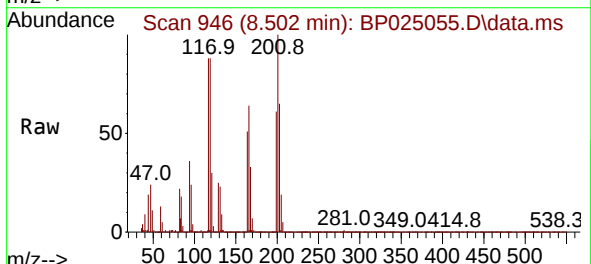
Manual Integrations
APPROVED

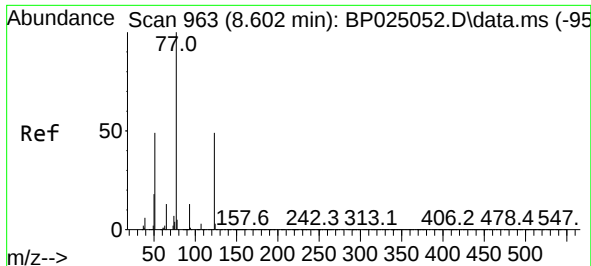
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#19
Hexachloroethane
Concen: 4.667 ng/ul
RT: 8.502 min Scan# 946
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

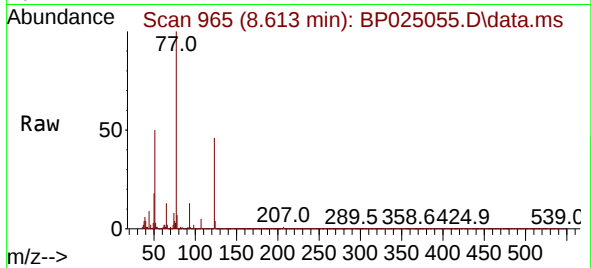
Tgt Ion:117 Resp: 49208
Ion Ratio Lower Upper
117 100
201 113.9 81.7 122.5
199 69.9 51.3 76.9





#22
Nitrobenzene
Concen: 4.705 ng/ul
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

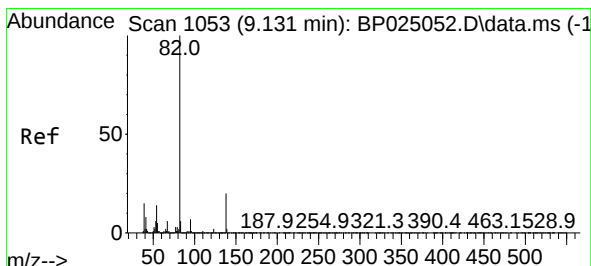
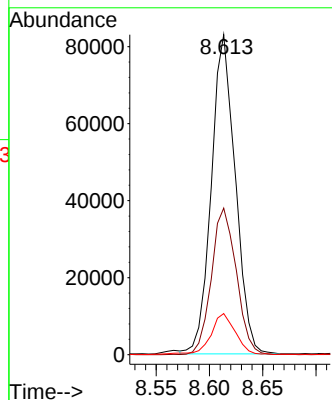
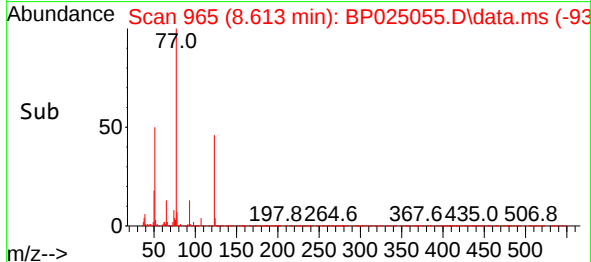
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion: 77 Resp: 129958
Ion Ratio Lower Upper
77 100
123 45.8 38.2 57.4
65 12.8 10.6 15.8

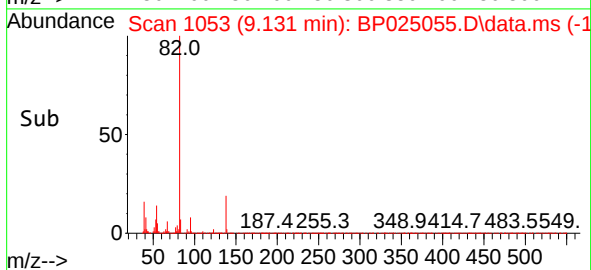
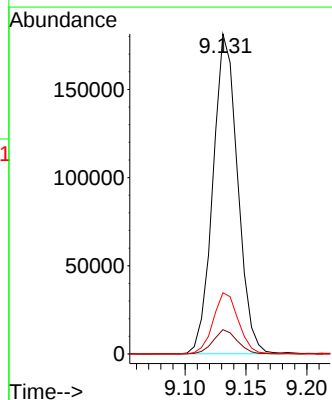
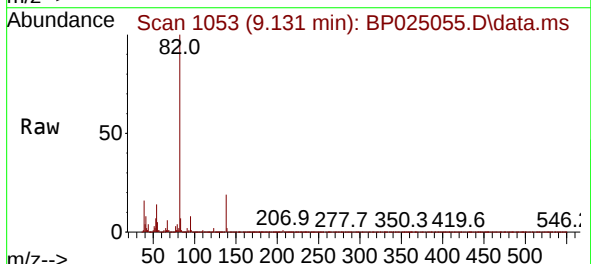
Manual Integrations
APPROVED

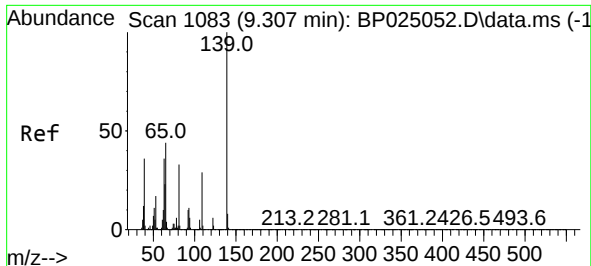
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#23
Isophorone
Concen: 4.490 ng/ul
RT: 9.131 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Tgt Ion: 82 Resp: 255943
Ion Ratio Lower Upper
82 100
95 7.6 5.5 8.3
138 19.1 15.7 23.5





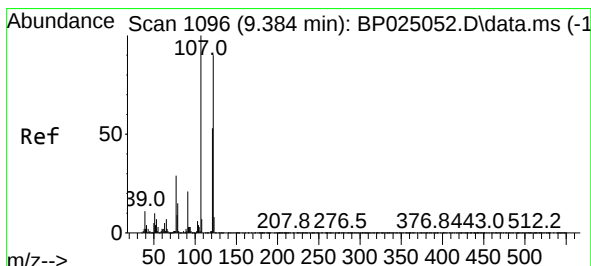
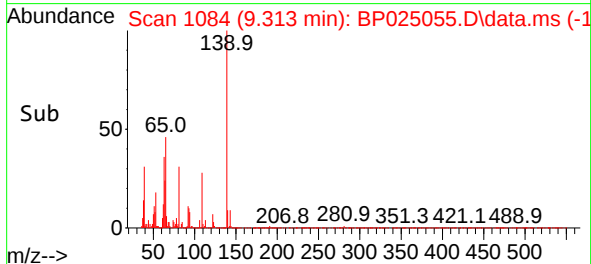
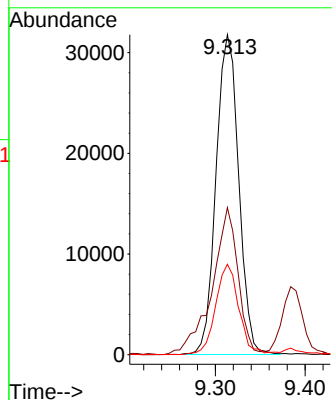
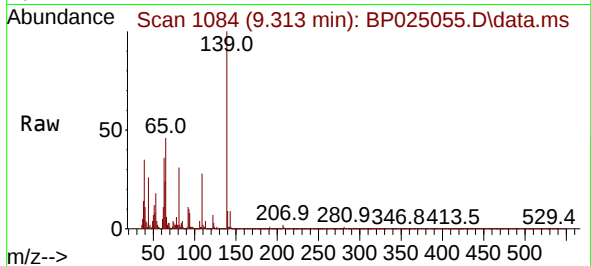
#25
2-Nitrophenol
Concen: 4.585 ng/ul
RT: 9.313 min Scan# 1083
Delta R.T. 0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03

Tgt Ion:139 Resp: 5577
Ion Ratio Lower Upper
139 100
65 45.9 35.6 53.4
109 28.3 21.2 31.8

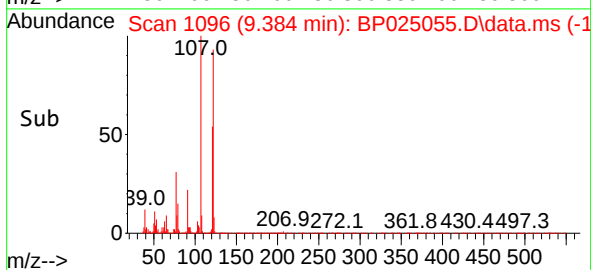
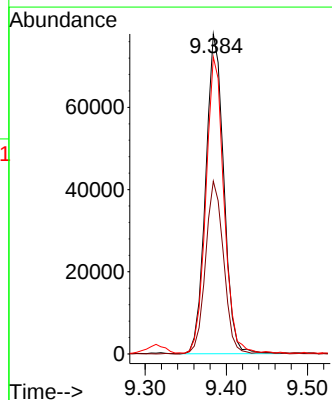
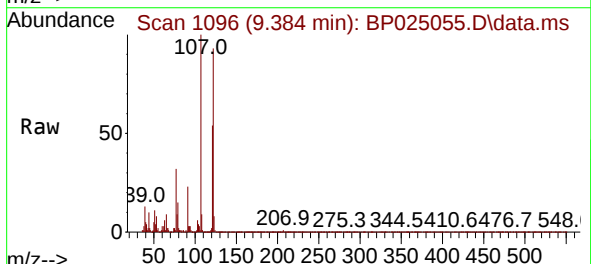
Manual Integrations
APPROVED

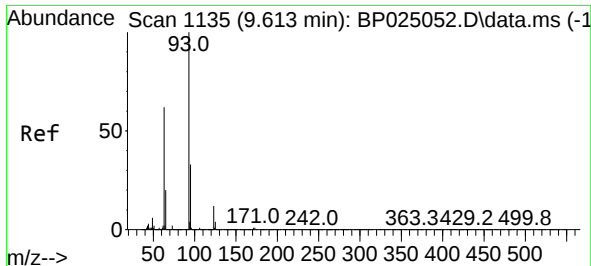
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#26
2,4-Dimethylphenol
Concen: 4.120 ng/ul
RT: 9.384 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

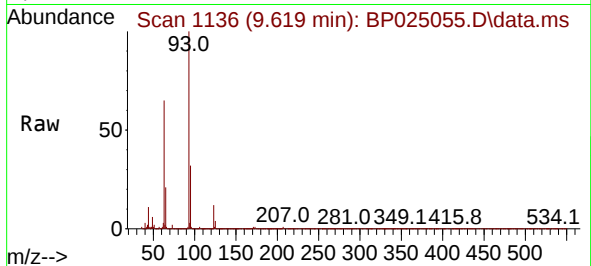
Tgt Ion:107 Resp: 120735
Ion Ratio Lower Upper
107 100
121 54.0 42.7 64.1
122 92.8 72.0 108.0





#27
Bis(2-Chloroethoxy)methane
Concen: 4.672 ng/ul
RT: 9.619 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

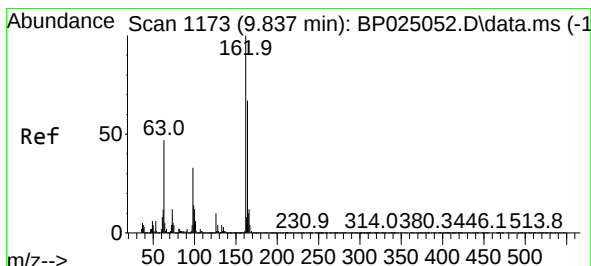
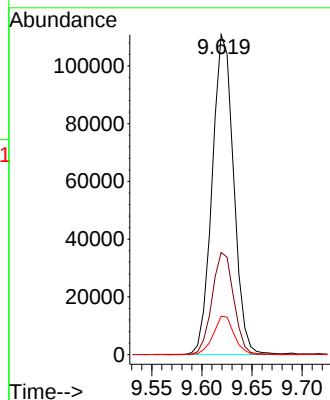
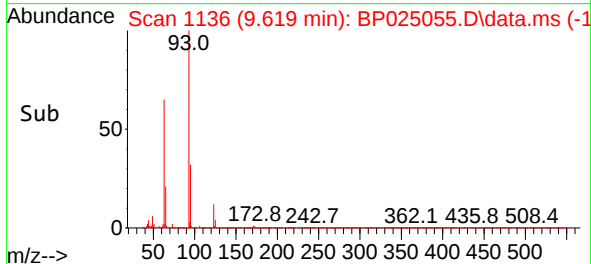
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion: 93 Resp: 164749
Ion Ratio Lower Upper
93 100
95 31.9 26.5 39.7
123 12.0 9.4 14.2

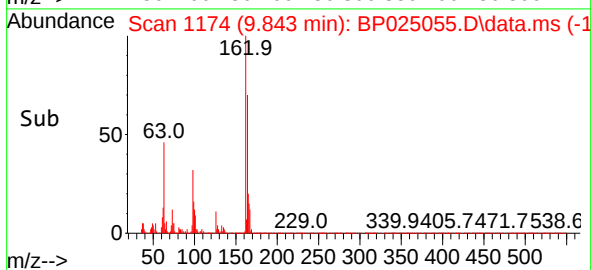
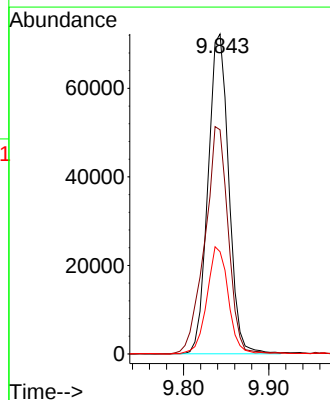
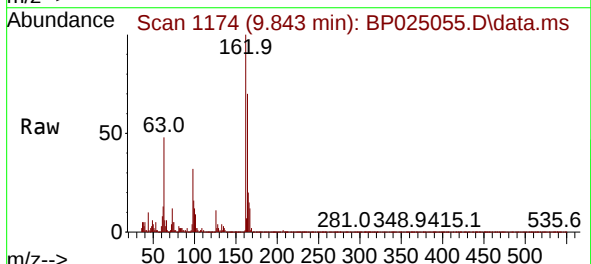
Manual Integrations
APPROVED

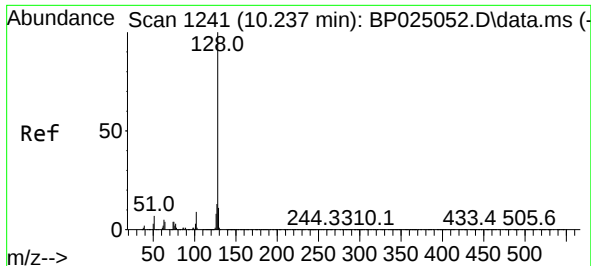
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#29
2,4-Dichlorophenol
Concen: 4.620 ng/ul
RT: 9.843 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

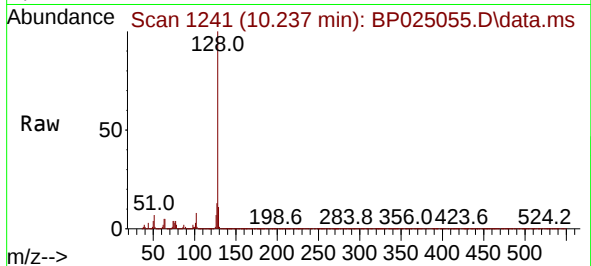
Tgt Ion:162 Resp: 121918
Ion Ratio Lower Upper
162 100
164 70.0 52.1 78.1
98 31.9 26.4 39.6





#30
Naphthalene
Concen: 4.768 ng/ul
RT: 10.237 min Scan# 1241
Delta R.T. -0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

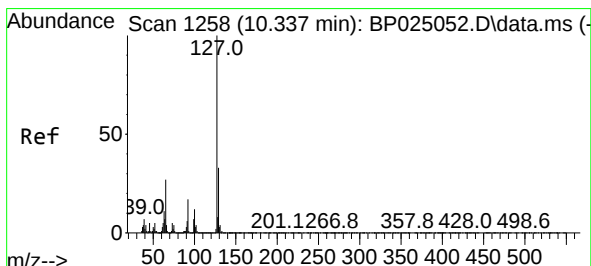
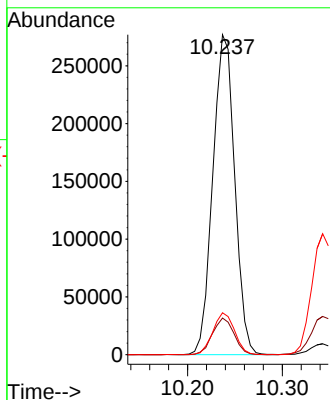
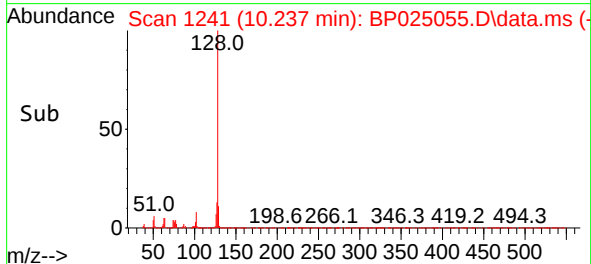
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:128 Resp: 444561
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.1 10.5 15.7

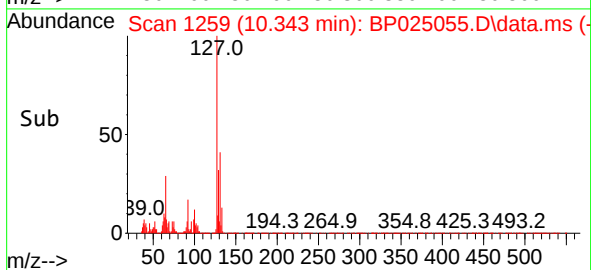
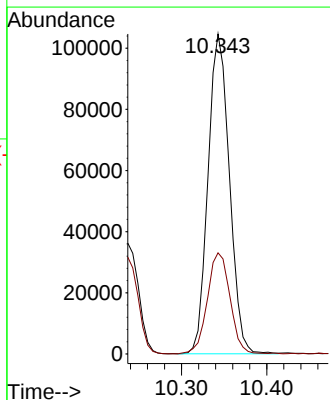
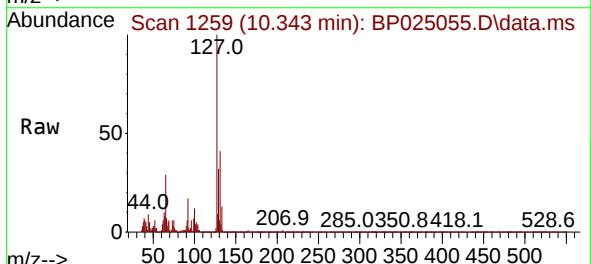
Manual Integrations
APPROVED

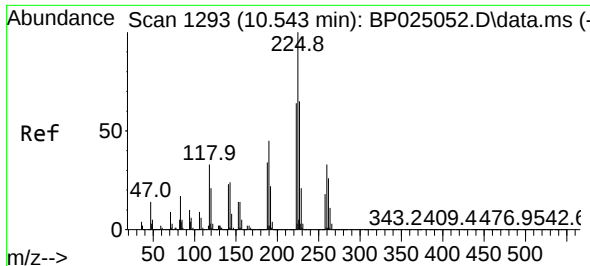
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#32
4-Chloroaniline
Concen: 4.569 ng/ul
RT: 10.343 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

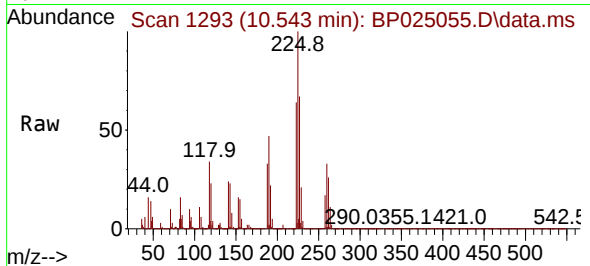
Tgt Ion:127 Resp: 182444
Ion Ratio Lower Upper
127 100
129 31.6 26.1 39.1





#33
Hexachlorobutadiene
Concen: 4.708 ng/ul
RT: 10.543 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

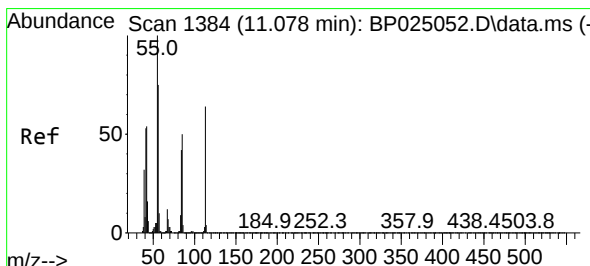
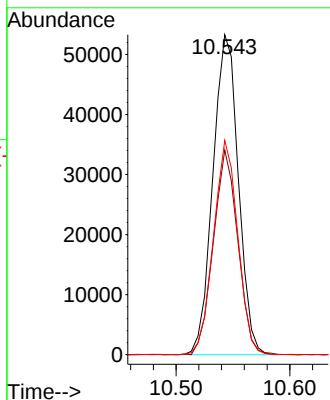
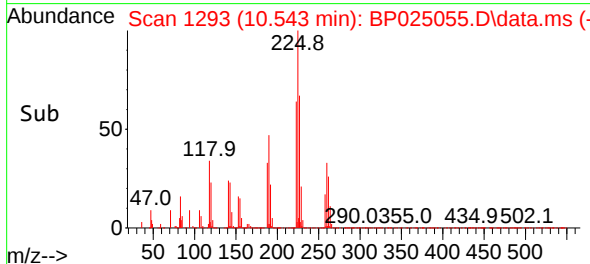
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03



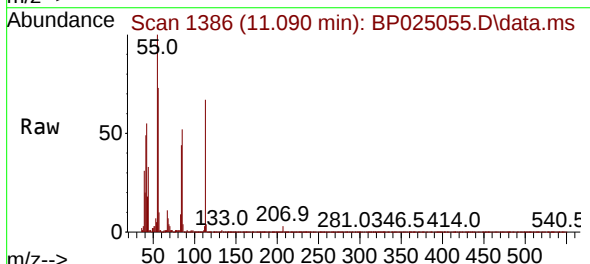
Tgt Ion:225 Resp: 8284
Ion Ratio Lower Upper
225 100
223 64.0 50.5 75.7
227 67.0 50.6 75.8

Manual Integrations
APPROVED

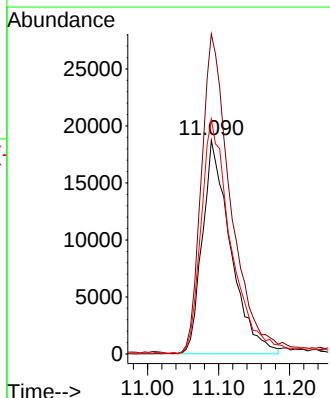
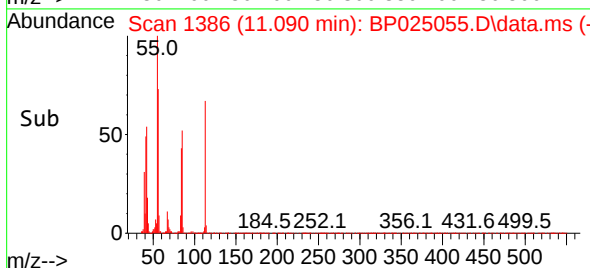
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

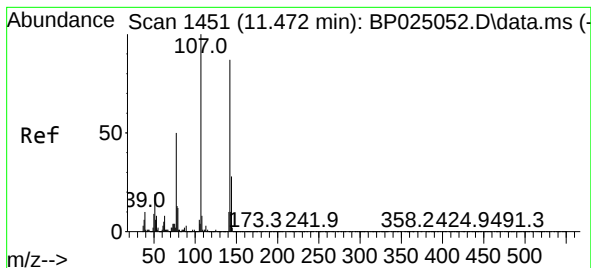


#34
Caprolactam
Concen: 5.514 ng/ul
RT: 11.090 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09



Tgt Ion:113 Resp: 51581
Ion Ratio Lower Upper
113 100
55 149.8 126.6 189.8
56 109.9 91.8 137.6





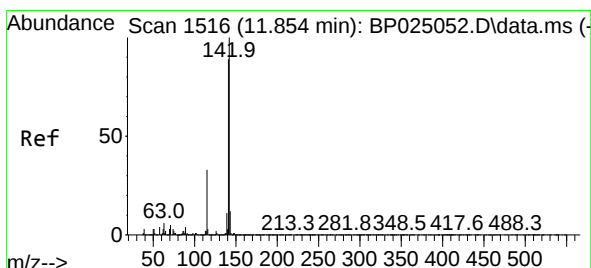
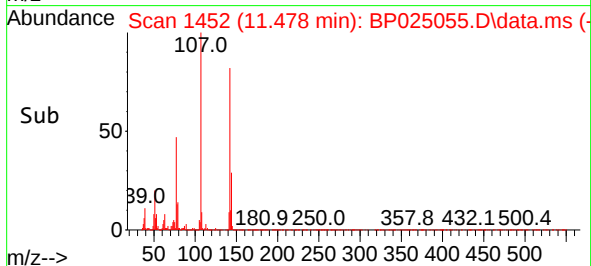
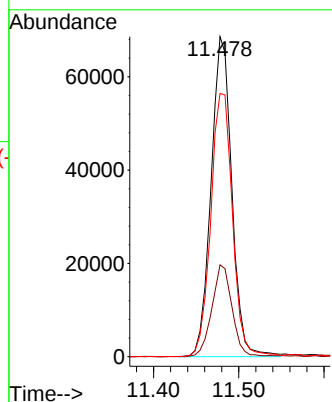
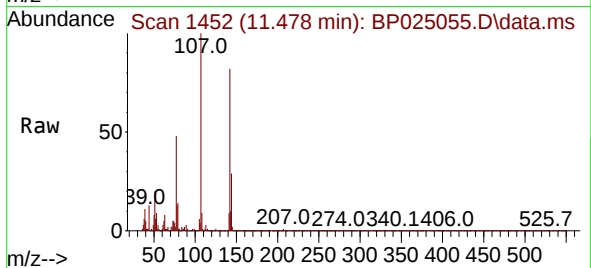
#35
4-Chloro-3-methylphenol
Concen: 4.412 ng/ul
RT: 11.478 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03

Tgt Ion:107 Resp: 116125
Ion Ratio Lower Upper
107 100
144 28.7 22.5 33.7
142 82.2 70.2 105.4

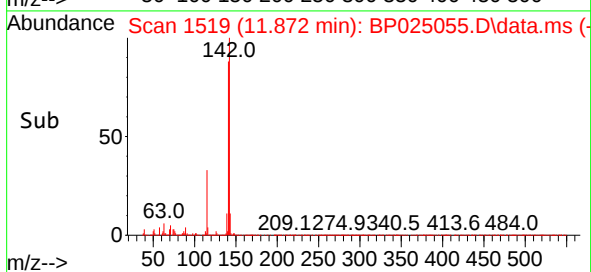
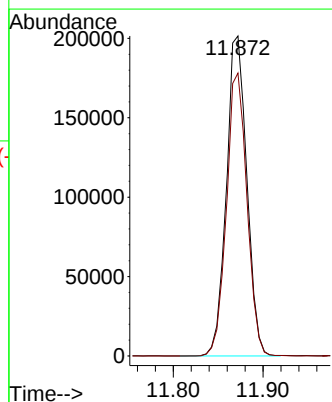
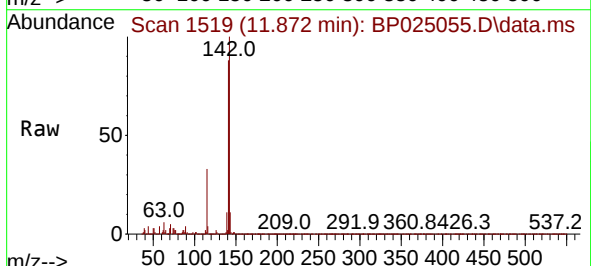
Manual Integrations
APPROVED

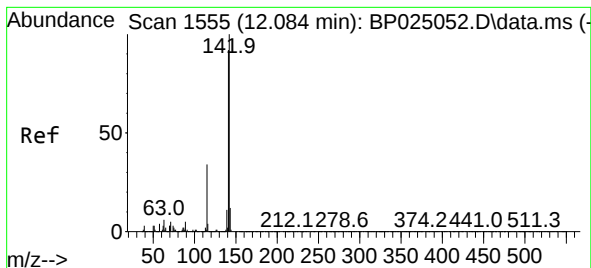
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#36
2-Methylnaphthalene
Concen: 4.804 ng/ul
RT: 11.872 min Scan# 1519
Delta R.T. 0.012 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

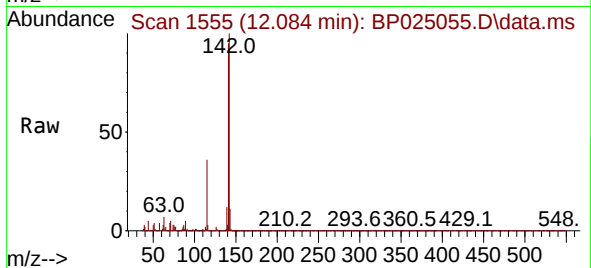
Tgt Ion:142 Resp: 319137
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7





#37
1-Methylnaphthalene
Concen: 4.680 ng/ul
RT: 12.084 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

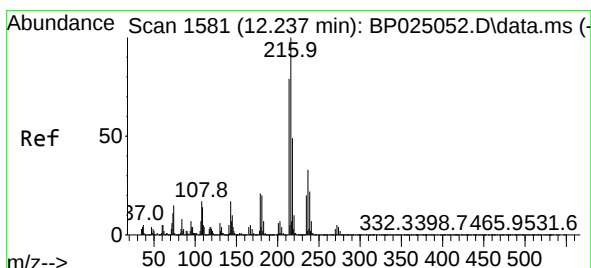
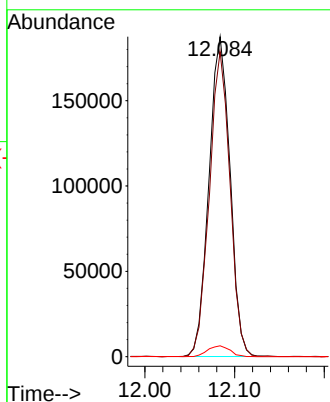
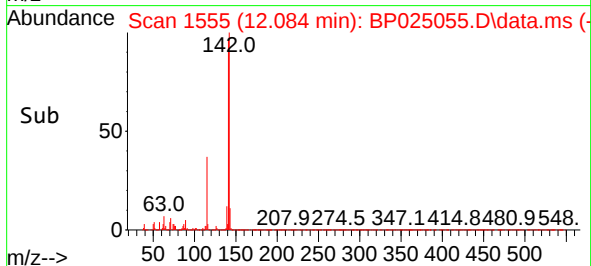
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03



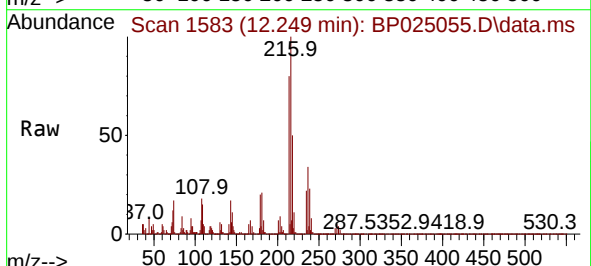
Tgt Ion:142 Resp: 305448
Ion Ratio Lower Upper
142 100
141 95.3 73.7 110.5
116 3.4 2.8 4.2

Manual Integrations
APPROVED

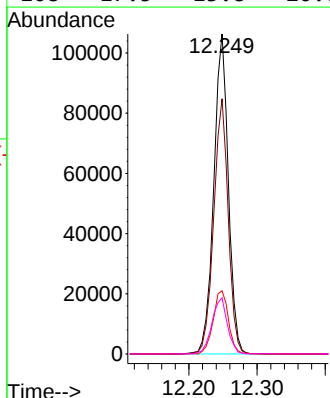
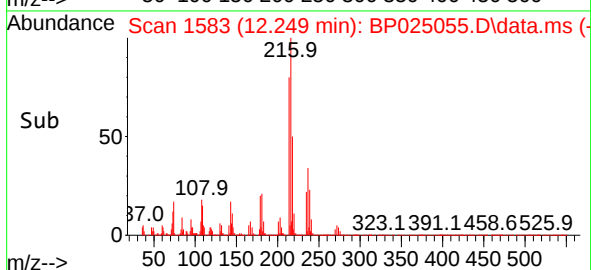
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

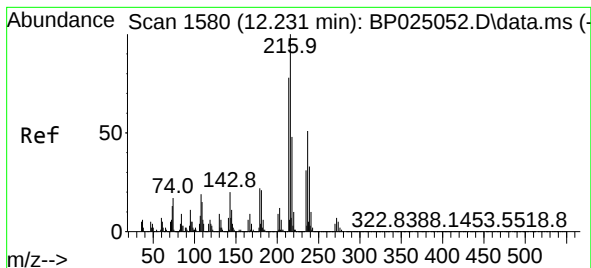


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.535 ng/ul
RT: 12.249 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09



Tgt Ion:216 Resp: 157720
Ion Ratio Lower Upper
216 100
214 79.7 63.1 94.7
179 19.8 17.1 25.7
108 17.5 13.8 20.6





#40

Hexachlorocyclopentadiene

Concen: 4.876 ng/ul

RT: 12.237 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2025-03

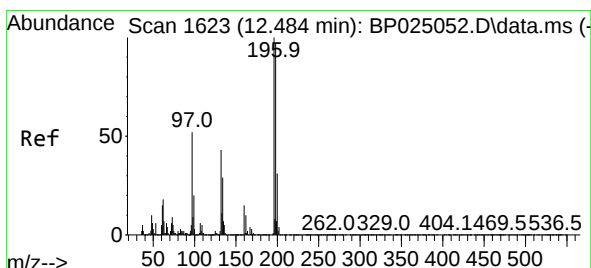
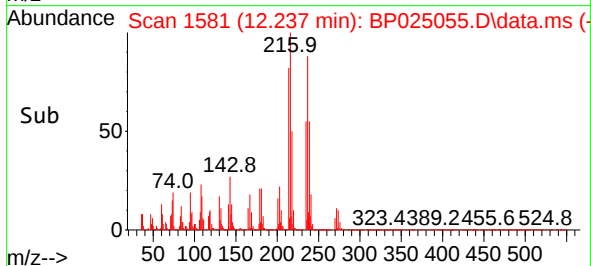
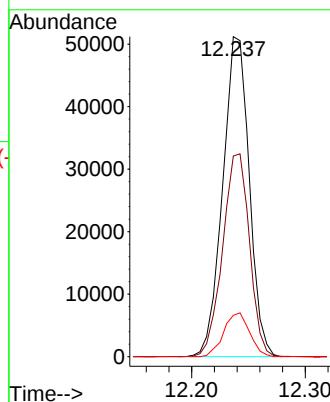
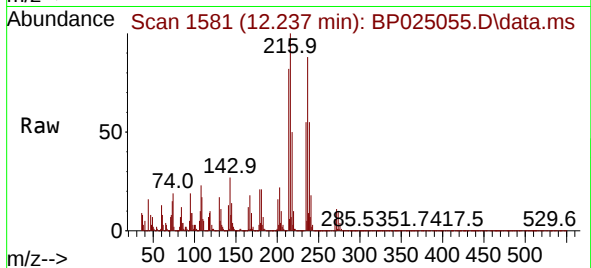
Tgt Ion:	237	Resp:	82980
Ion Ratio	Lower	Upper	
237	100		
235	62.7	51.4	77.2
272	13.6	11.1	16.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#41

2,4,6-Trichlorophenol

Concen: 4.103 ng/ul

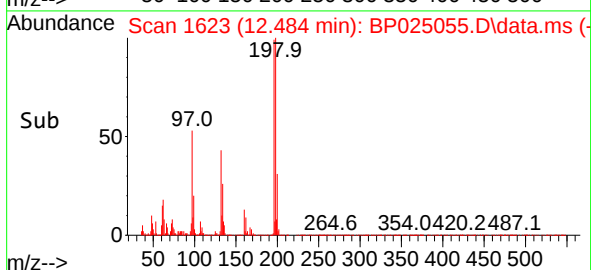
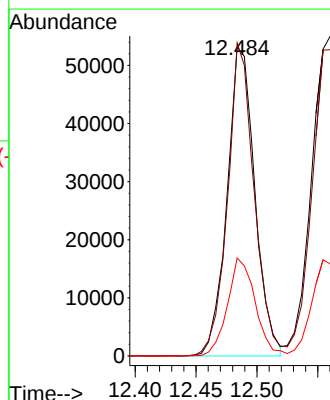
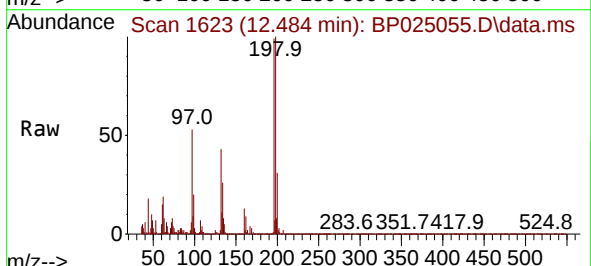
RT: 12.484 min Scan# 1623

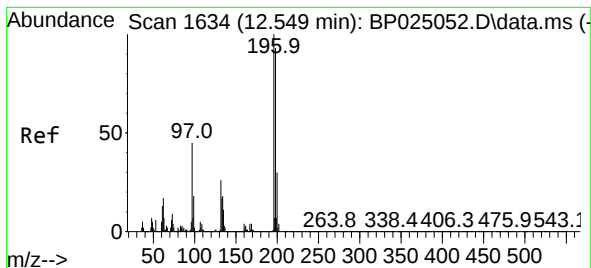
Delta R.T. 0.000 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Tgt Ion:	196	Resp:	84370
Ion Ratio	Lower	Upper	
196	100		
198	101.3	77.0	115.6
200	31.7	25.3	37.9





#42

2,4,5-Trichlorophenol

Concen: 4.260 ng/ul

RT: 12.560 min Scan# 1634

Delta R.T. 0.012 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2025-03

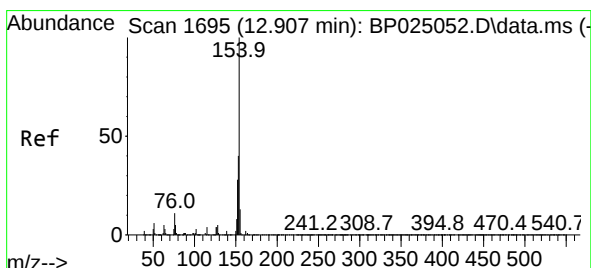
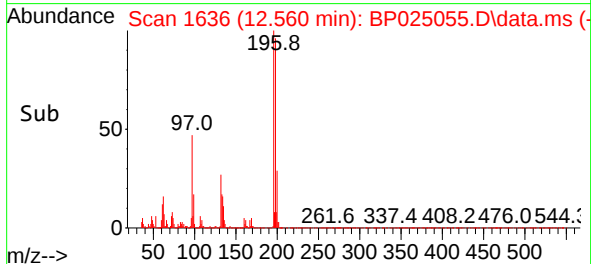
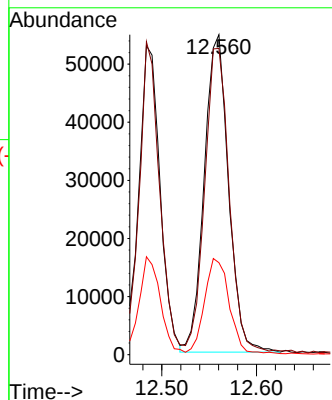
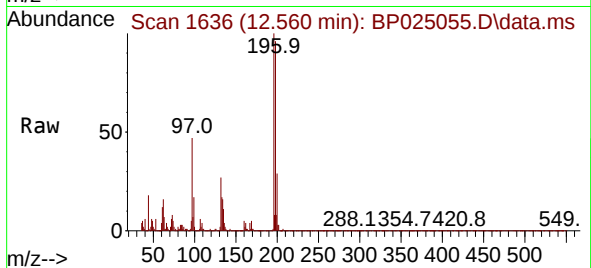
Tgt Ion:196	Resp:	97454
Ion Ratio	Lower	Upper
196	100	
198	95.7	76.6 115.0
200	28.8	25.4 38.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#43

1,1'-Biphenyl

Concen: 4.700 ng/ul

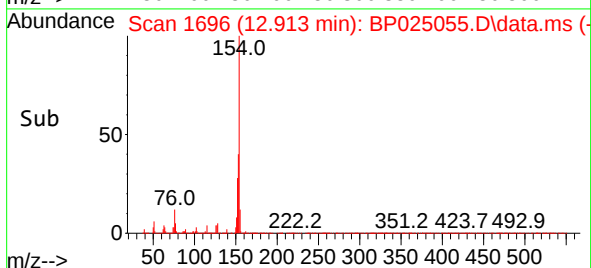
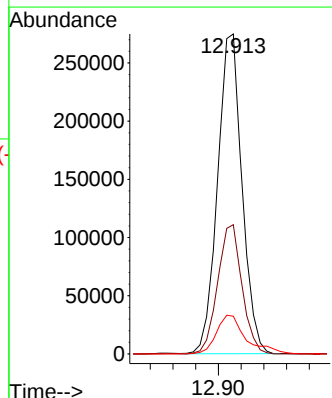
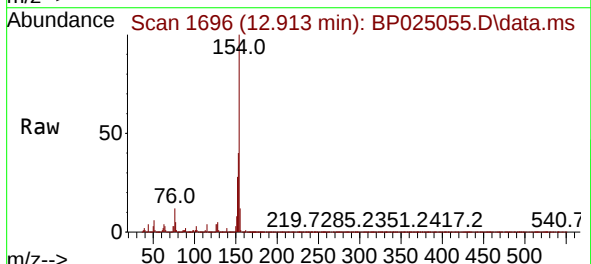
RT: 12.913 min Scan# 1696

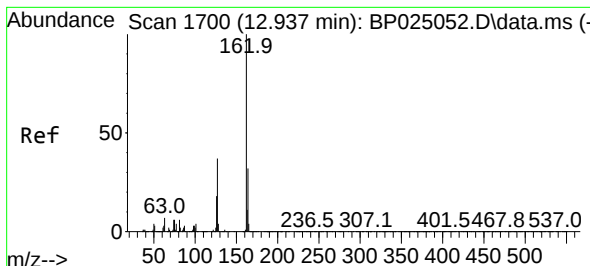
Delta R.T. 0.012 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

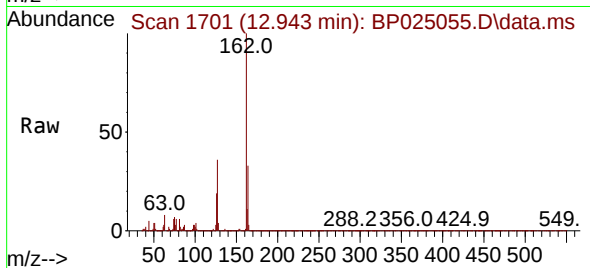
Tgt Ion:154	Resp:	410167
Ion Ratio	Lower	Upper
154	100	
153	40.4	32.4 48.6
76	11.8	9.8 14.6





#44
2-Chloronaphthalene
Concen: 4.717 ng/ul
RT: 12.943 min Scan# 1700
Delta R.T. 0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

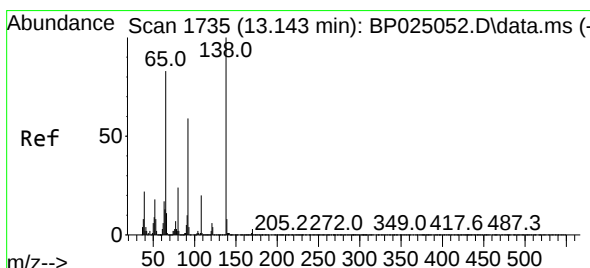
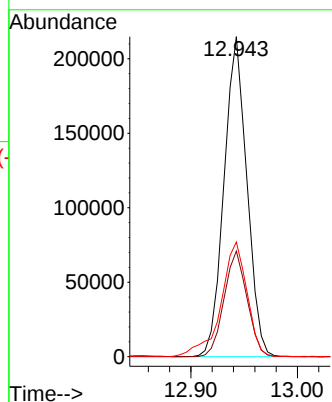
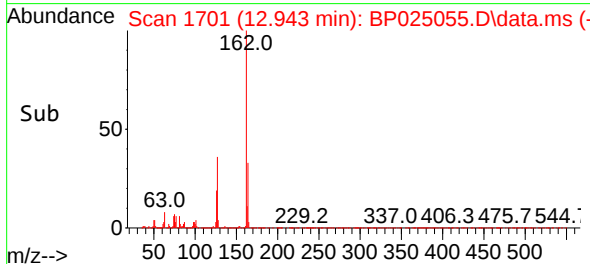
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:162 Resp: 32011
Ion Ratio Lower Upper
162 100
164 33.0 26.2 39.2
127 35.9 29.9 44.9

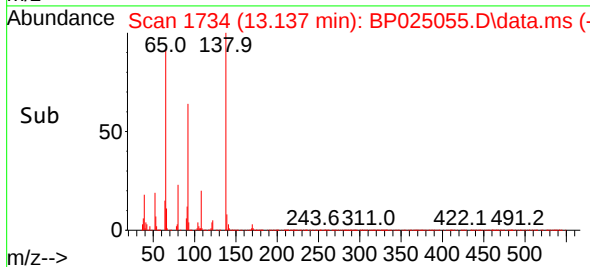
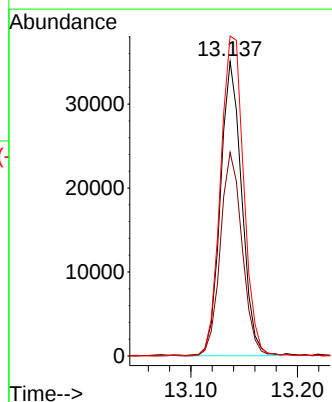
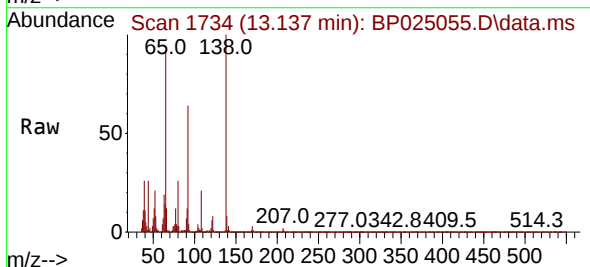
Manual Integrations
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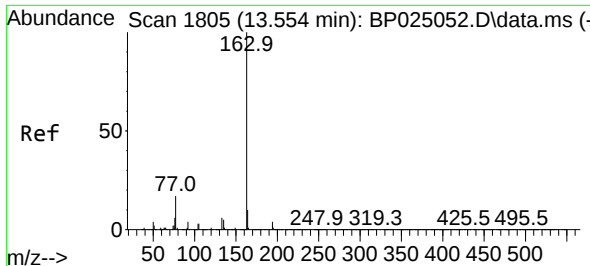
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#45
2-Nitroaniline
Concen: 3.787 ng/ul
RT: 13.137 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

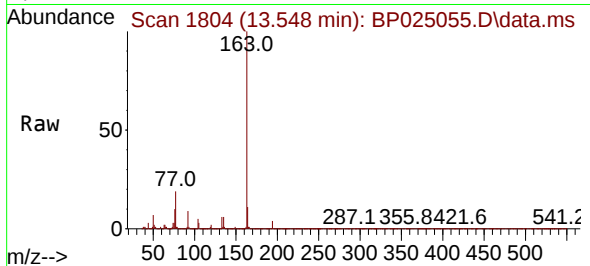
Tgt Ion: 65 Resp: 48569
Ion Ratio Lower Upper
65 100
92 69.1 55.8 83.6
138 108.6 91.7 137.5





#47
Dimethylphthalate
Concen: 4.832 ng/ul
RT: 13.548 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

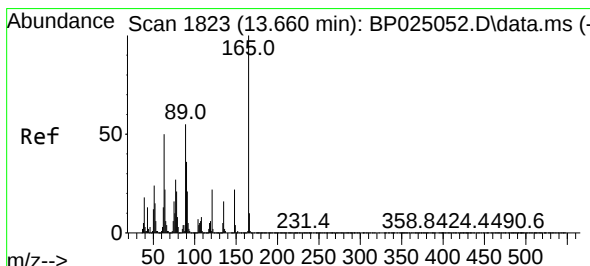
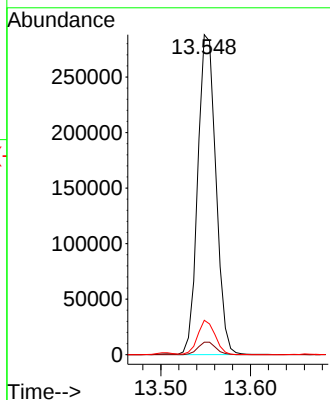
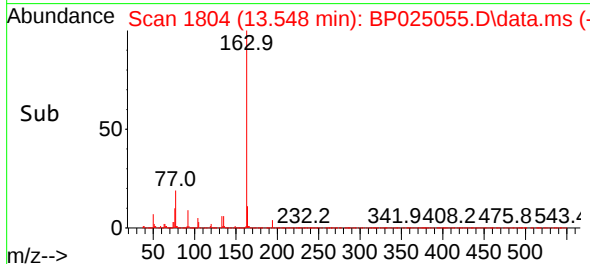
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2025-03



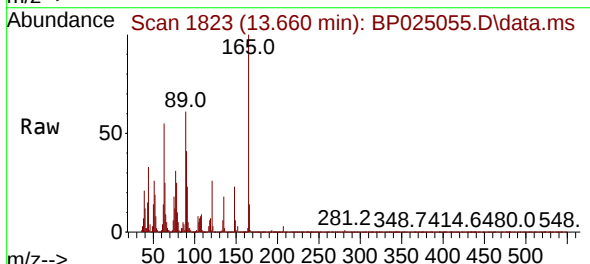
Tgt Ion:163 Resp: 40360
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.8 8.0 12.0

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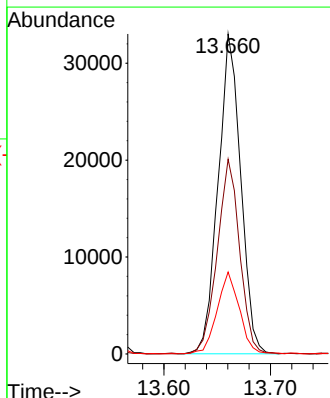
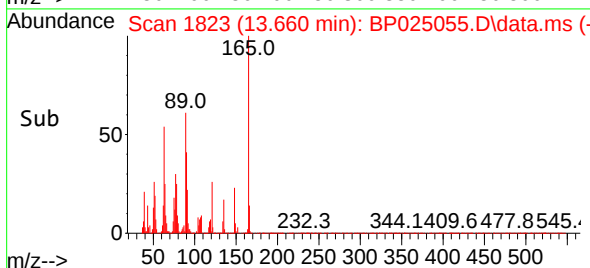
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

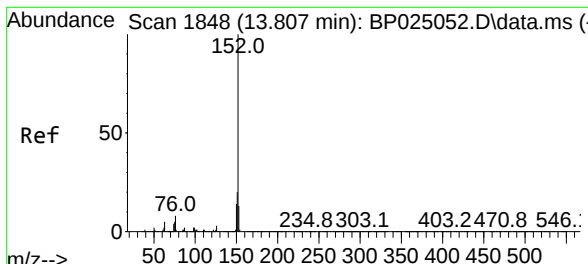


#48
2,6-Dinitrotoluene
Concen: 3.711 ng/ul
RT: 13.660 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09



Tgt Ion:165 Resp: 48528
Ion Ratio Lower Upper
165 100
89 60.8 43.8 65.6
121 25.6 17.2 25.8



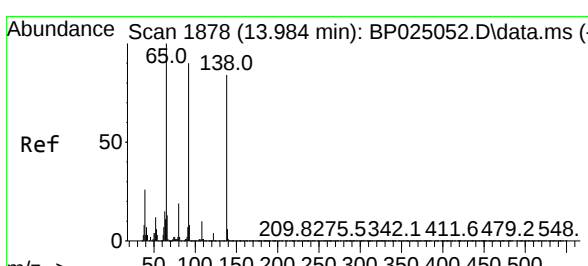
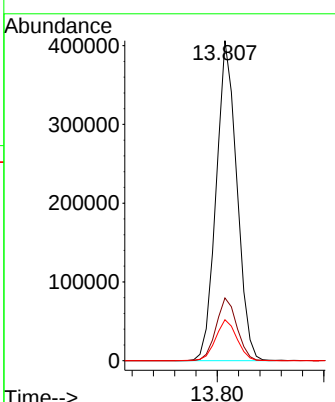
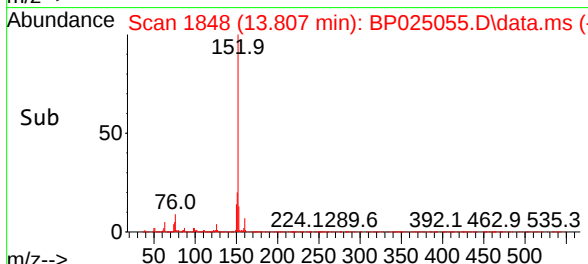
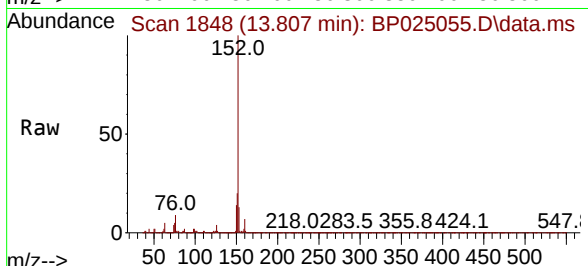


#50
 Acenaphthylene
 Concen: 4.860 ng/ul
 RT: 13.807 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BP025055.D
 Acq: 01 Jul 2025 14:09

Instrument : BNA_P
 ClientSampleId : MDL-SOIL-QT2-2025-03

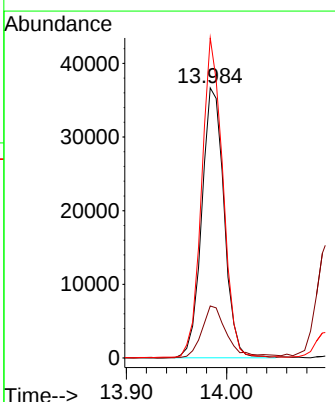
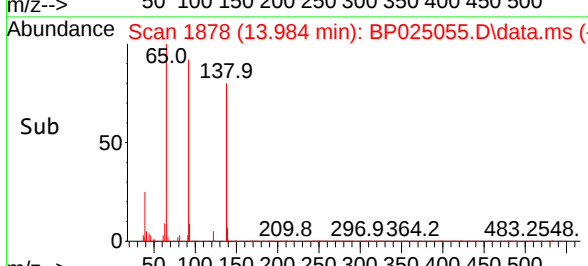
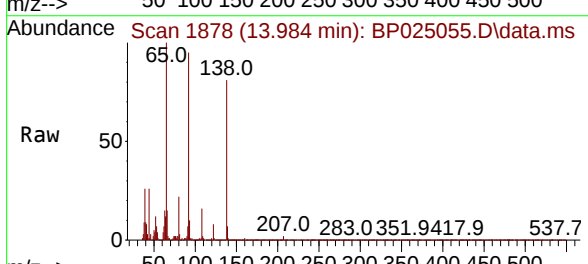
Tgt Ion:	152	Resp:	54610
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.0	24.0
153	12.8	10.4	15.6

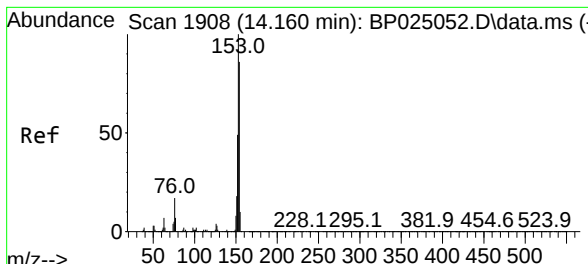
Manual Integrations
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 Reviewed By :Rahul Chavli 07/02/2025
 Supervised By :Jagrut Upadhyay 07/02/2025



#51
 3-Nitroaniline
 Concen: 3.699 ng/ul
 RT: 13.984 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: BP025055.D
 Acq: 01 Jul 2025 14:09

Tgt Ion:	138	Resp:	56594
Ion Ratio	Lower	Upper	
138	100		
108	19.3	10.9	16.3
92	118.4	84.7	127.1





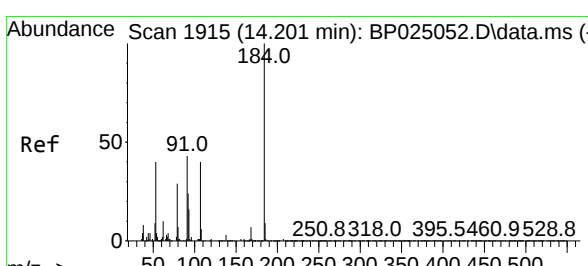
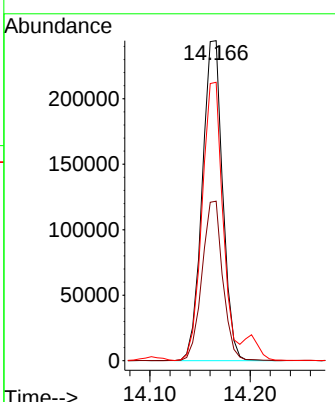
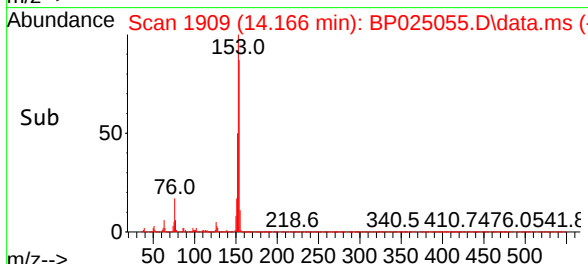
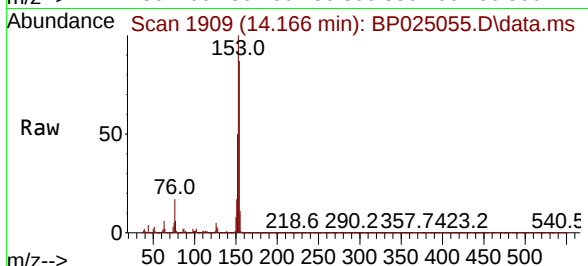
#52
 Acenaphthene
 Concen: 4.784 ng/ul
 RT: 14.166 min Scan# 1909
 Delta R.T. 0.012 min
 Lab File: BP025055.D
 Acq: 01 Jul 2025 14:09

Instrument : BNA_P
 ClientSampleId : MDL-SOIL-QT2-2025-03

Tgt Ion:153 Resp: 347224

Ion	Ratio	Lower	Upper
153	100		
152	49.8	38.6	58.0
154	87.0	70.6	105.8

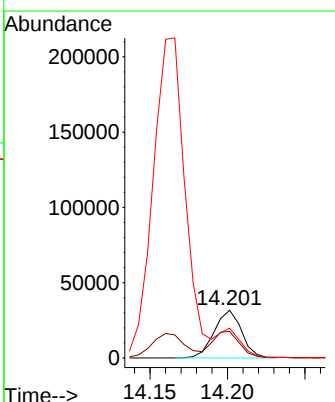
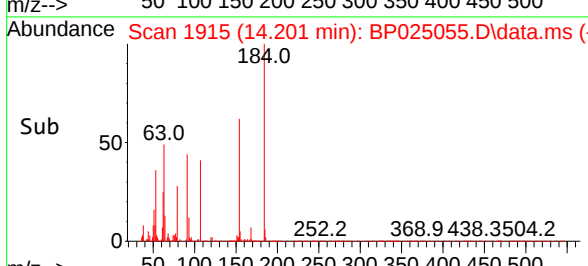
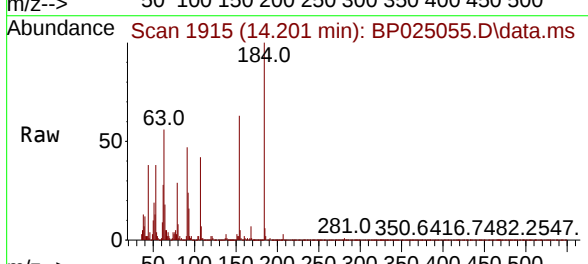
Manual Integrations
APPROVED
 Reviewed By :Rahul Chavli 07/02/2025
 Supervised By :Jagrut Upadhyay 07/02/2025

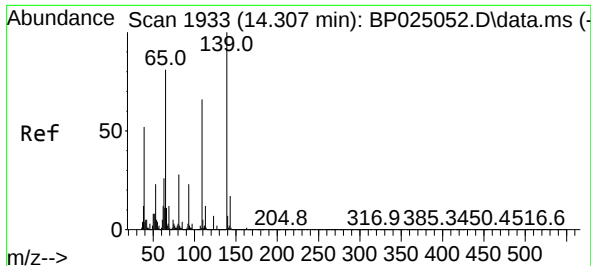


#53
 2,4-Dinitrophenol
 Concen: 5.971 ng/ul
 RT: 14.201 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: BP025055.D
 Acq: 01 Jul 2025 14:09

Tgt Ion:184 Resp: 38964

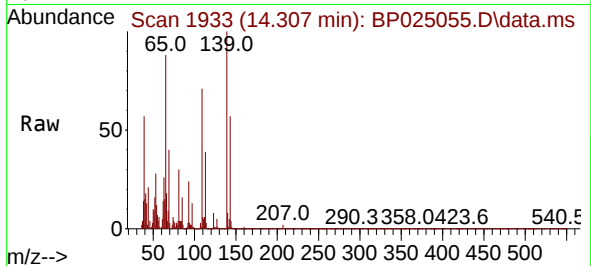
Ion	Ratio	Lower	Upper
184	100		
63	55.5	45.8	68.6
154	62.5	46.2	69.2





#55
4-Nitrophenol
Concen: 5.733 ng/ul
RT: 14.307 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

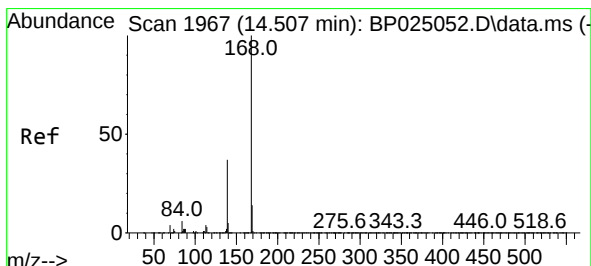
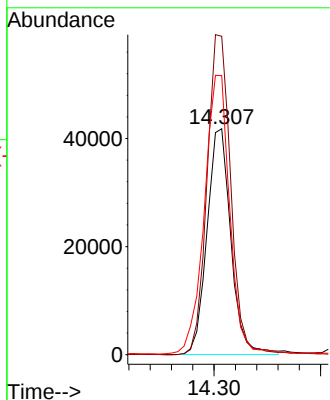
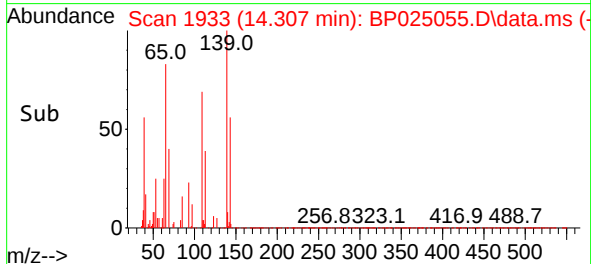
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:109 Resp: 64980
Ion Ratio Lower Upper
109 100
139 141.0 118.3 177.5
65 123.5 99.4 149.0

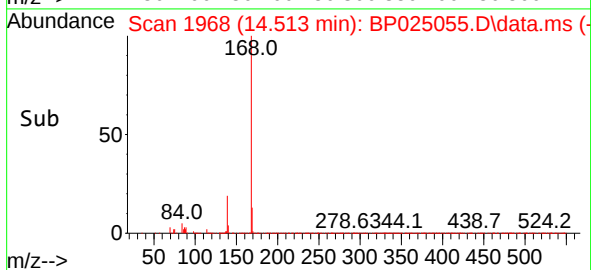
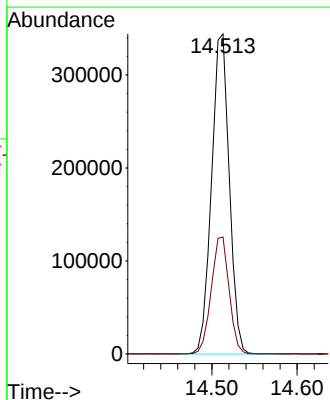
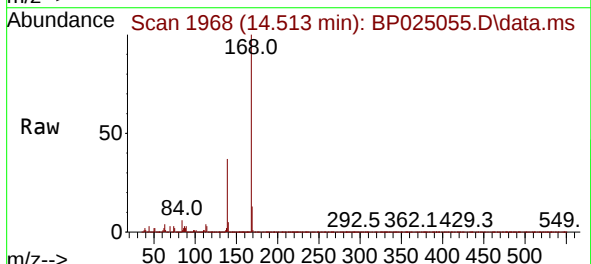
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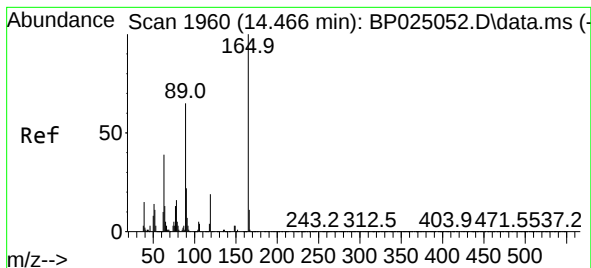
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#56
Dibenzofuran
Concen: 4.838 ng/ul
RT: 14.513 min Scan# 1968
Delta R.T. 0.012 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Tgt Ion:168 Resp: 497541
Ion Ratio Lower Upper
168 100
139 36.5 28.7 43.1





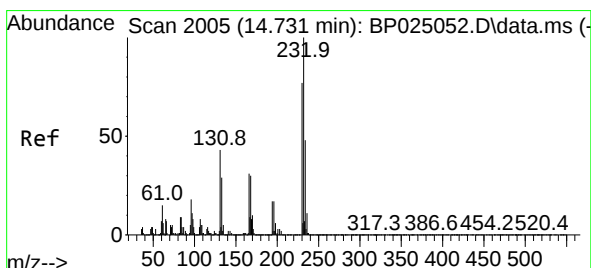
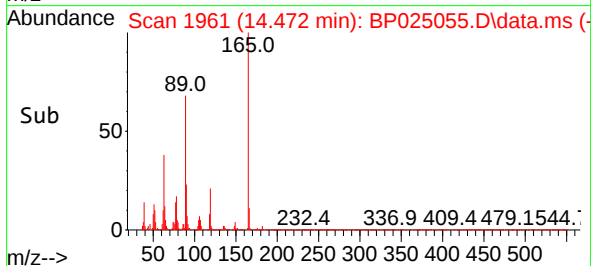
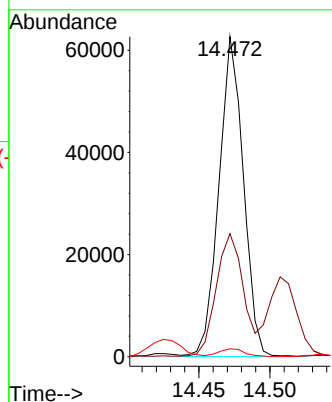
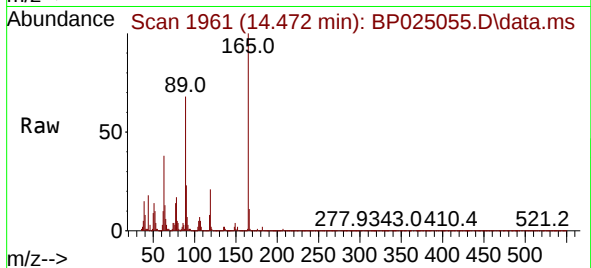
#57
2,4-Dinitrotoluene
Concen: 3.881 ng/ul
RT: 14.472 min Scan# 1960
Delta R.T. 0.012 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03

Tgt Ion:165 Resp: 74930
Ion Ratio Lower Upper
165 100
63 38.4 30.0 45.0
182 2.5 2.2 3.4

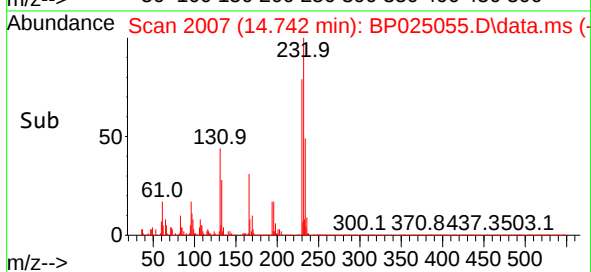
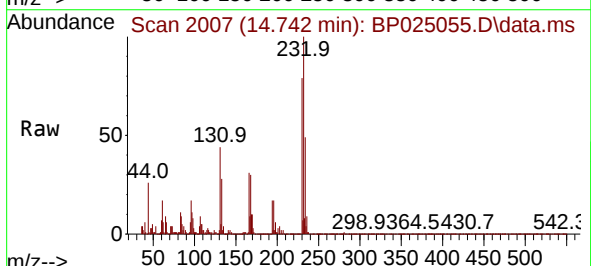
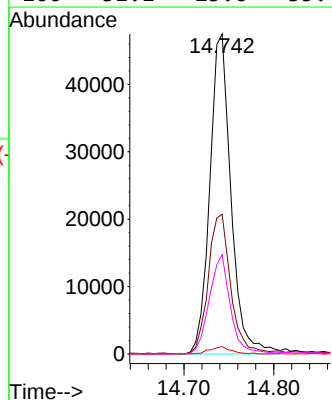
Manual Integrations
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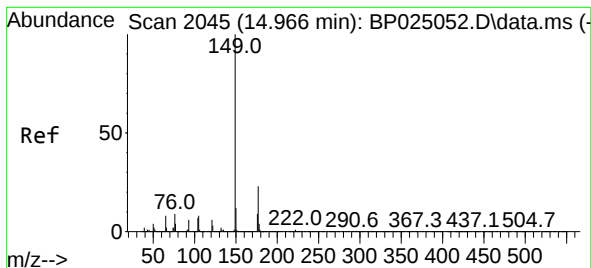
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.212 ng/ul
RT: 14.742 min Scan# 2007
Delta R.T. 0.012 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Tgt Ion:232 Resp: 77882
Ion Ratio Lower Upper
232 100
131 43.7 33.9 50.9
130 2.3 1.8 2.6
166 31.1 23.6 35.4





#59

Diethylphthalate

Concen: 4.713 ng/ul

RT: 14.966 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2025-03

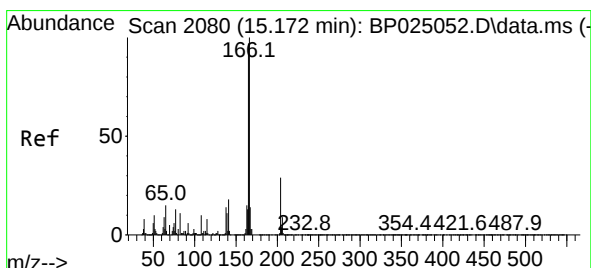
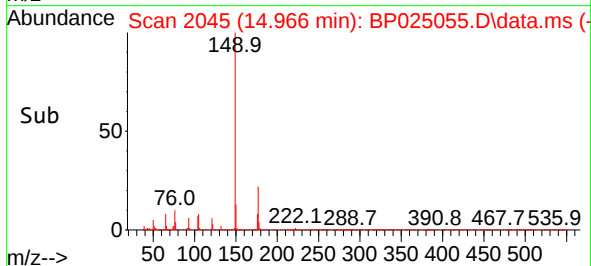
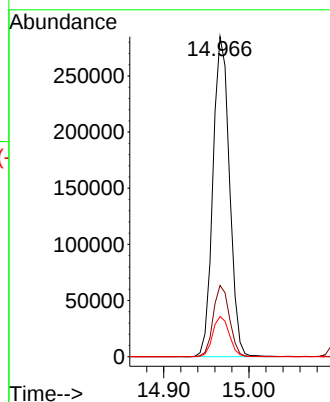
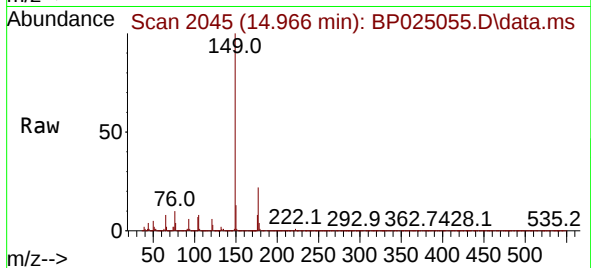
Tgt Ion:	149	Resp:	38455
Ion Ratio	Lower	Upper	
149	100		
177	22.3	17.4	26.2
150	12.6	10.0	15.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#61

Fluorene

Concen: 4.858 ng/ul

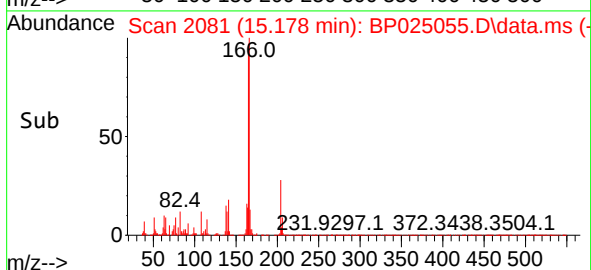
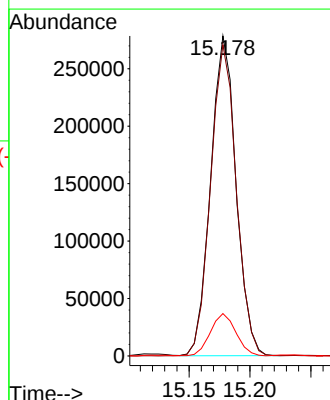
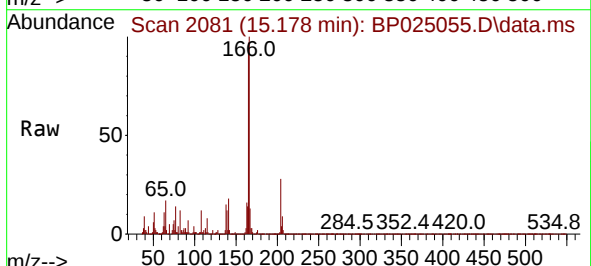
RT: 15.178 min Scan# 2081

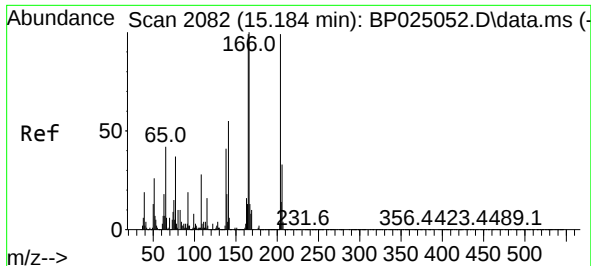
Delta R.T. 0.012 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Tgt Ion:	166	Resp:	403870
Ion Ratio	Lower	Upper	
166	100		
165	97.2	78.9	118.3
167	13.2	10.8	16.2





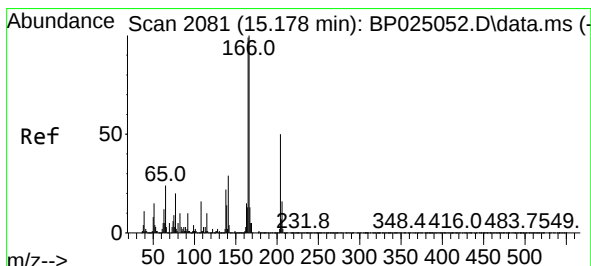
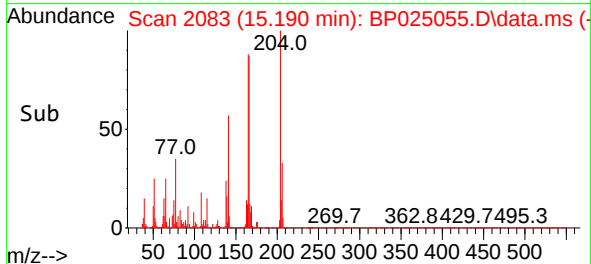
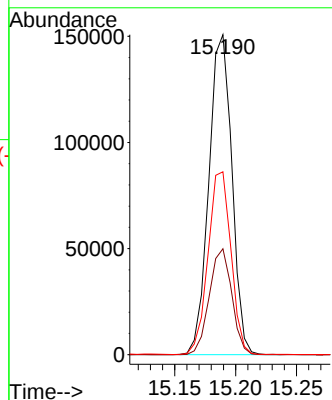
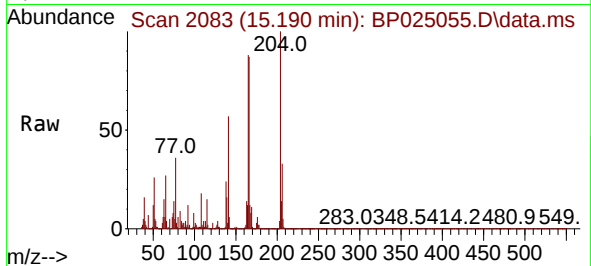
#62
4-Chlorophenyl-phenylether
Concen: 4.832 ng/ul
RT: 15.190 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03

Tgt Ion:204 Resp: 198308
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 57.2 46.5 69.7

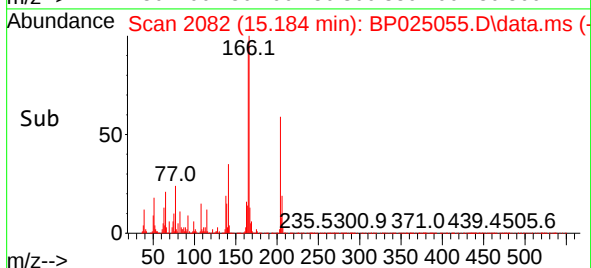
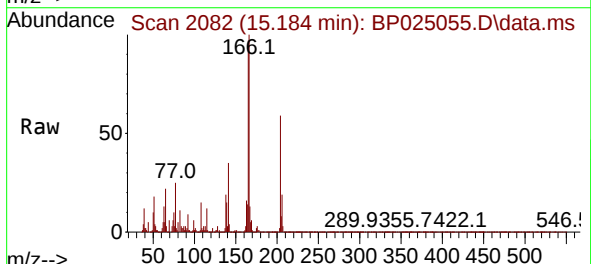
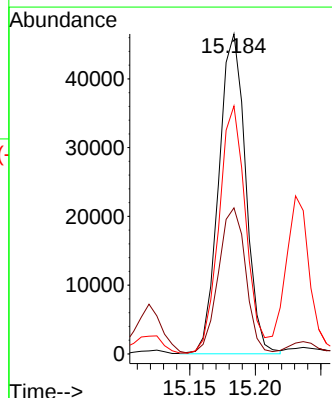
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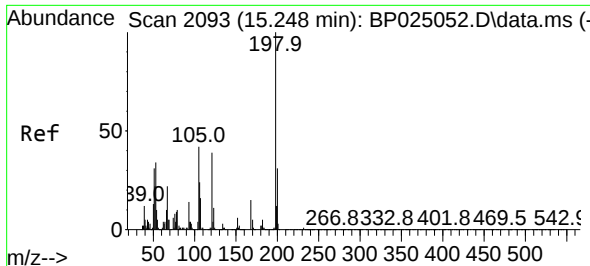
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#63
4-Nitroaniline
Concen: 4.390 ng/ul
RT: 15.184 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Tgt Ion:138 Resp: 66218
Ion Ratio Lower Upper
138 100
92 45.6 37.8 56.8
108 77.5 57.1 85.7





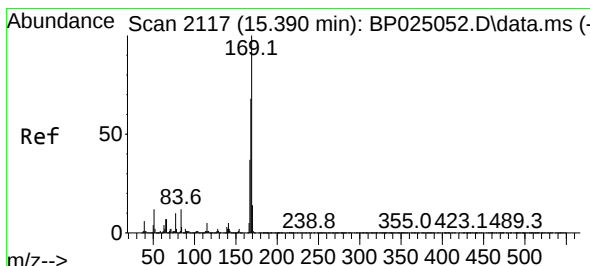
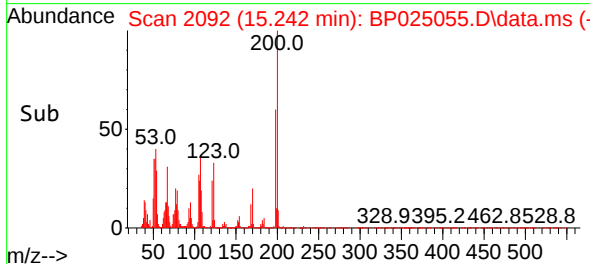
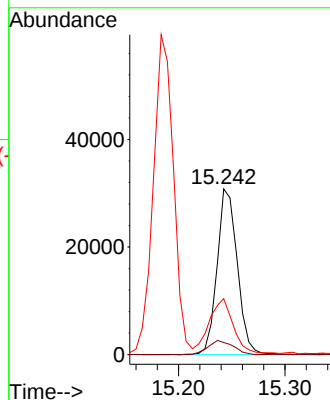
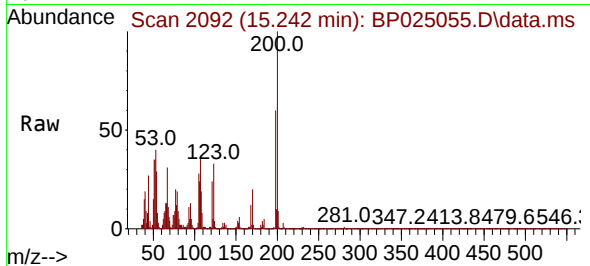
#66
4,6-Dinitro-2-methylphenol
Concen: 3.479 ng/ul
RT: 15.242 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2025-03

Tgt Ion:198 Resp: 40538
Ion Ratio Lower Upper
198 100
182 7.3 3.3 4.9
77 33.8 16.7 25.1

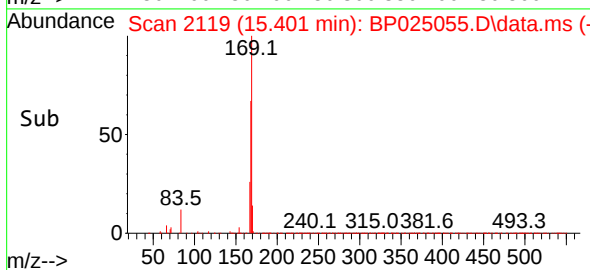
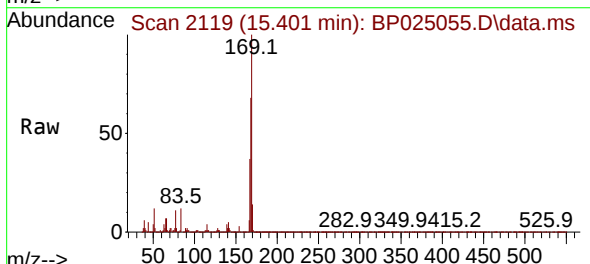
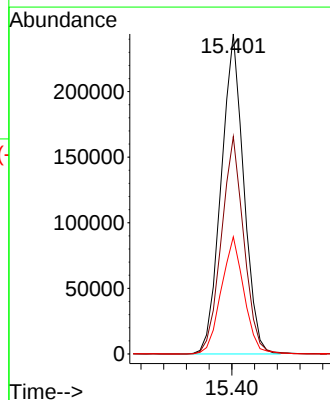
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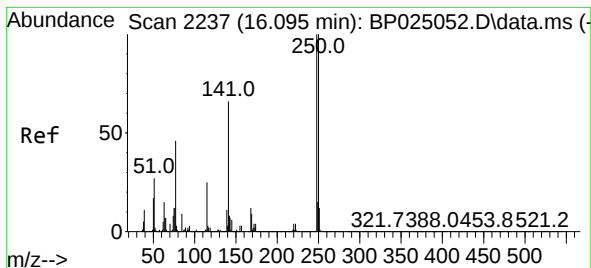
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#67
N-Nitrosodiphenylamine
Concen: 4.616 ng/ul
RT: 15.401 min Scan# 2119
Delta R.T. 0.018 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

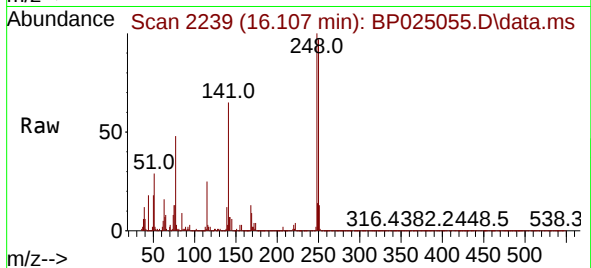
Tgt Ion:169 Resp: 336615
Ion Ratio Lower Upper
169 100
168 67.9 53.4 80.0
167 36.6 29.1 43.7





#68
4-Bromophenyl-phenylether
Concen: 4.484 ng/ul
RT: 16.107 min Scan# 211
Delta R.T. 0.012 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

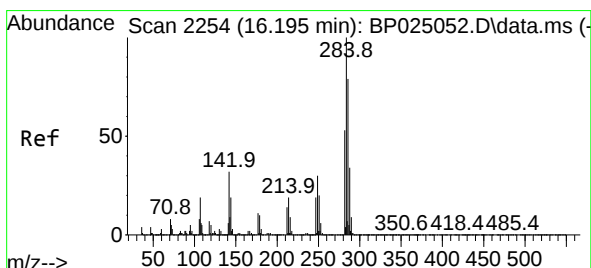
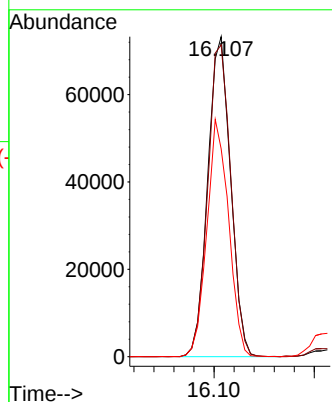
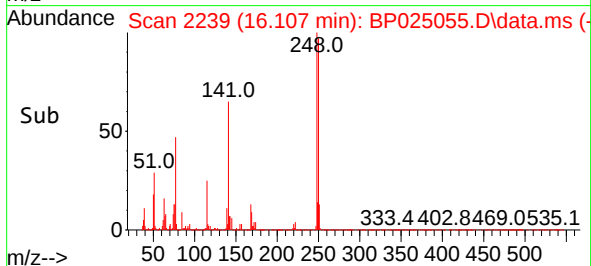
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03



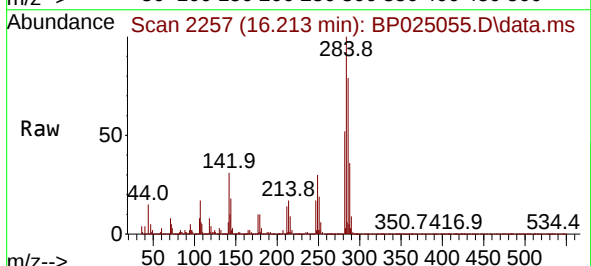
Tgt Ion:248 Resp: 115849
Ion Ratio Lower Upper
248 100
250 97.5 78.2 117.4
141 64.9 50.8 76.2

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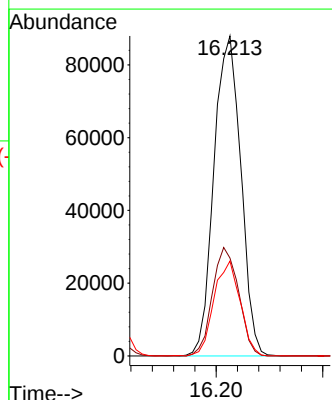
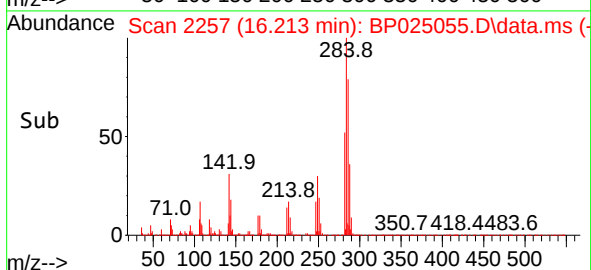
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

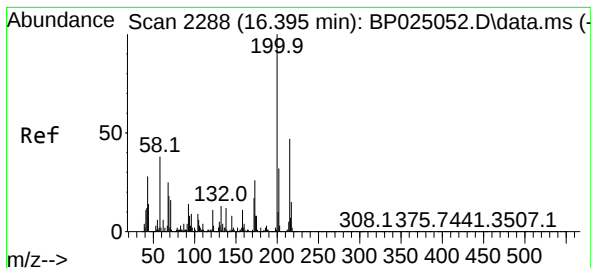


#69
Hexachlorobenzene
Concen: 4.762 ng/ul
RT: 16.213 min Scan# 2257
Delta R.T. 0.018 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09



Tgt Ion:284 Resp: 154329
Ion Ratio Lower Upper
284 100
142 30.6 25.3 37.9
249 29.7 23.0 34.4





#70

Atrazine

Concen: 6.749 ng/ul

RT: 16.389 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2025-03

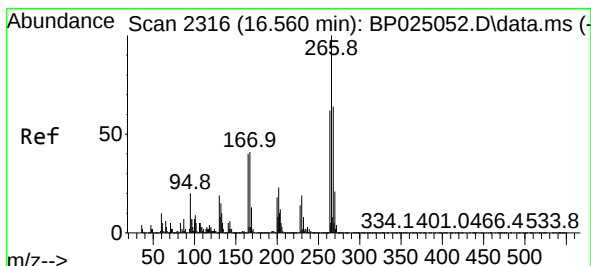
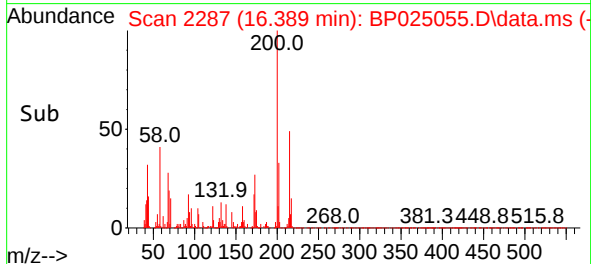
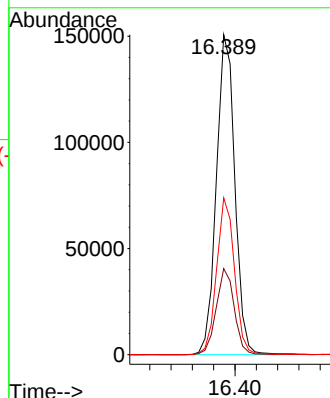
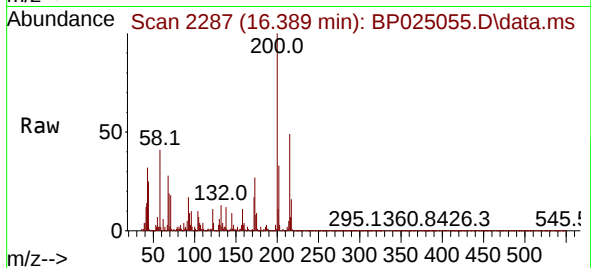
Tgt Ion:200 Resp: 18084
 Ion Ratio Lower Upper
 200 100
 173 26.9 21.3 31.9
 215 49.0 38.6 58.0

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#71

Pentachlorophenol

Concen: 6.239 ng/ul

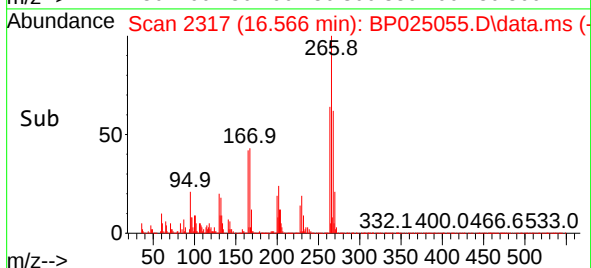
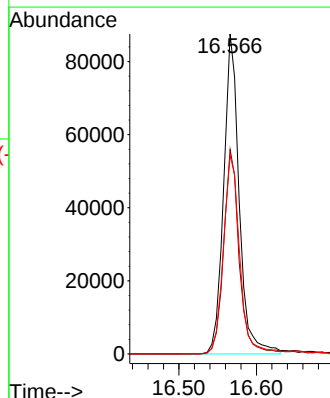
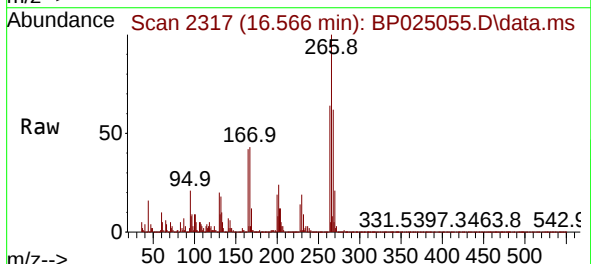
RT: 16.566 min Scan# 2317

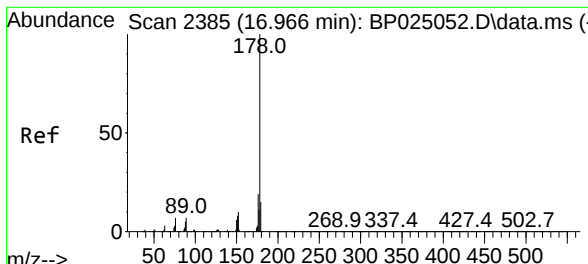
Delta R.T. 0.006 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Tgt Ion:266 Resp: 122231
 Ion Ratio Lower Upper
 266 100
 264 63.9 50.1 75.1
 268 62.2 51.0 76.6



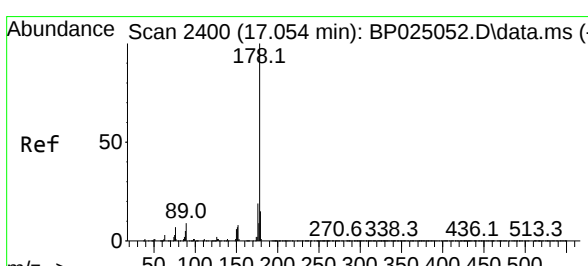
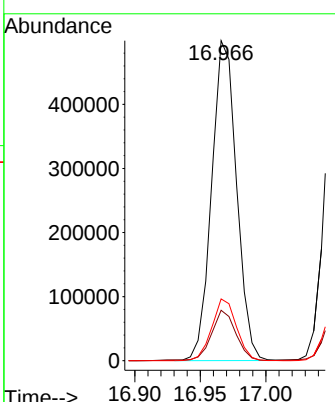
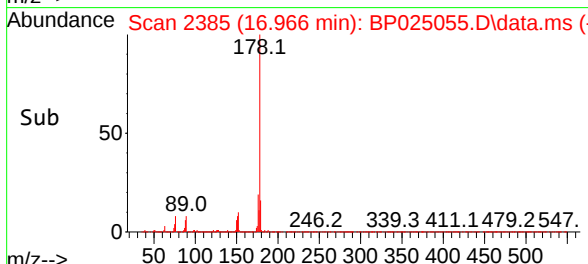
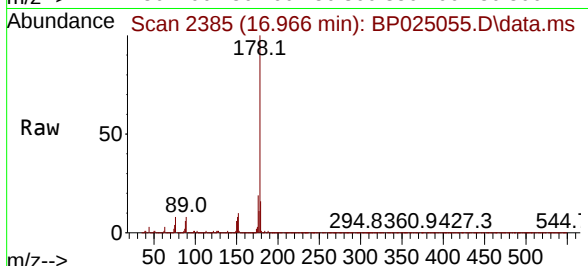


#72
 Phenanthrene
 Concen: 4.815 ng/ul
 RT: 16.966 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP025055.D
 Acq: 01 Jul 2025 14:09

Instrument : BNA_P
 ClientSampleId : MDL-SOIL-QT2-2025-03

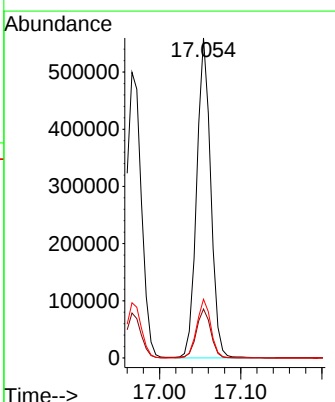
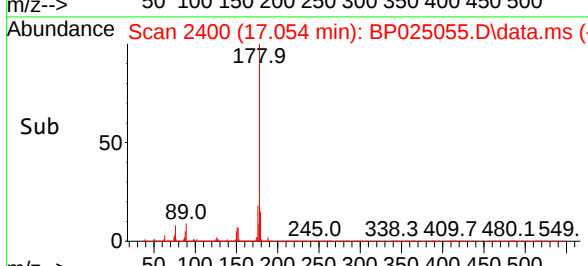
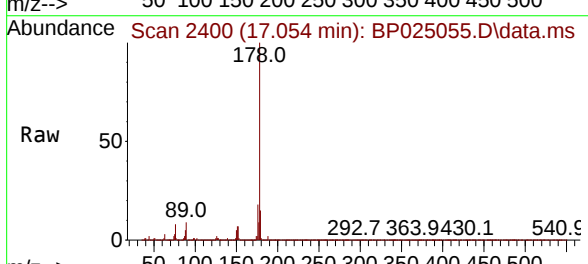
Tgt Ion:	178	Resp:	66031
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.3	18.5
176	19.3	15.6	23.4

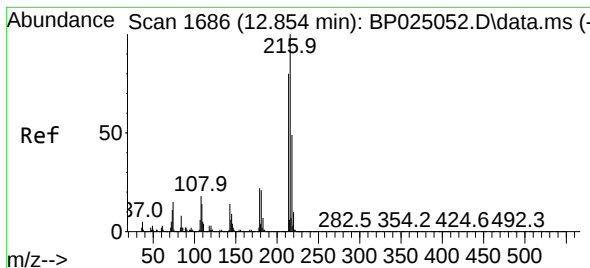
Manual Integrations
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 Reviewed By :Rahul Chavli 07/02/2025
 Supervised By :Jagrut Upadhyay 07/02/2025



#74
 Anthracene
 Concen: 4.868 ng/ul
 RT: 17.054 min Scan# 2400
 Delta R.T. 0.000 min
 Lab File: BP025055.D
 Acq: 01 Jul 2025 14:09

Tgt Ion:	178	Resp:	668980
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.5	18.7
176	18.4	15.1	22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.357 ng/uL

RT: 12.860 min Scan# 1686

Delta R.T. 0.000 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2025-03

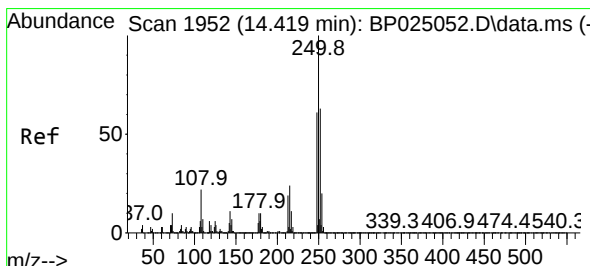
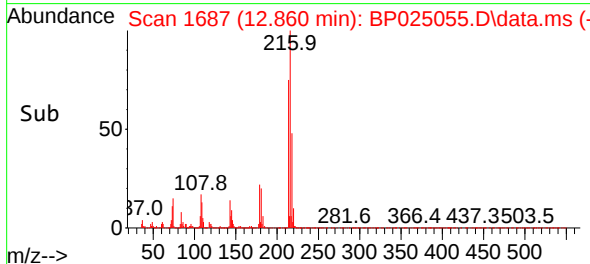
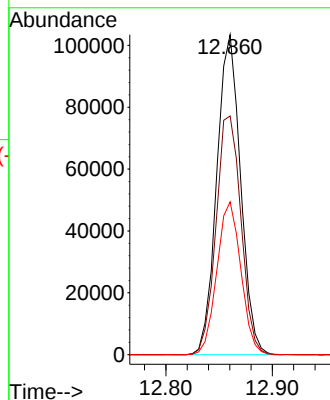
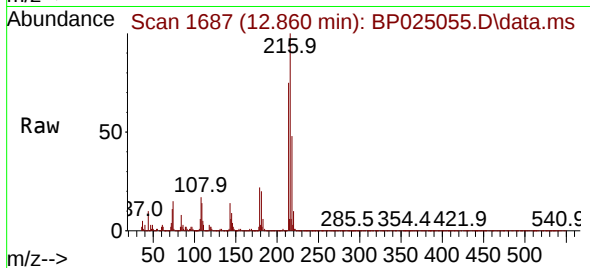
Tgt Ion:	216	Resp:	160540
Ion Ratio	Lower	Upper	
216	100		
214	74.6	61.4	92.2
218	47.7	38.8	58.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#76

Pentachlorobenzene

Concen: 4.545 ng/uL

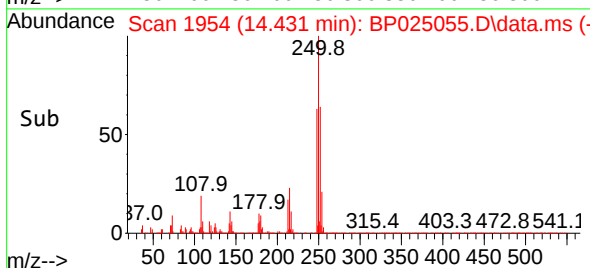
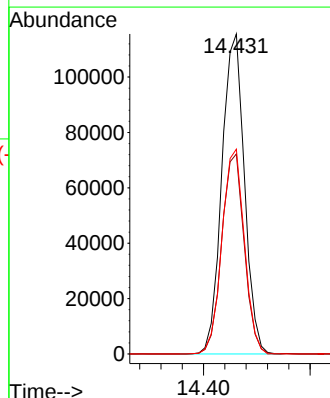
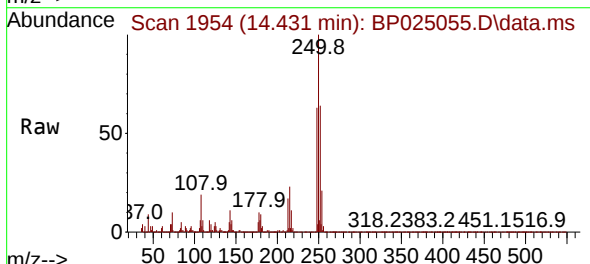
RT: 14.431 min Scan# 1954

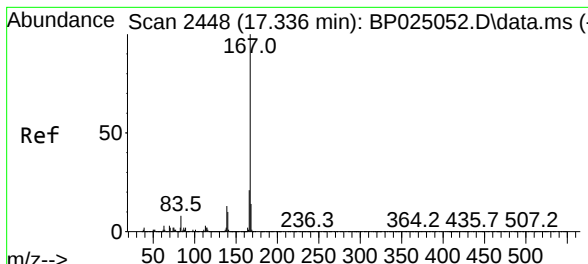
Delta R.T. 0.018 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

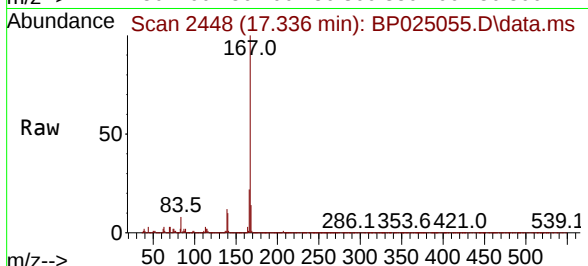
Tgt Ion:	250	Resp:	169372
Ion Ratio	Lower	Upper	
250	100		
248	62.5	50.2	75.2
252	64.0	51.1	76.7





#77
 Carbazole
 Concen: 4.648 ng/ul
 RT: 17.336 min Scan# 2448
 Delta R.T. 0.000 min
 Lab File: BP025055.D
 Acq: 01 Jul 2025 14:09

Instrument : BNA_P
 ClientSampleId : MDL-SOIL-QT2-2025-03

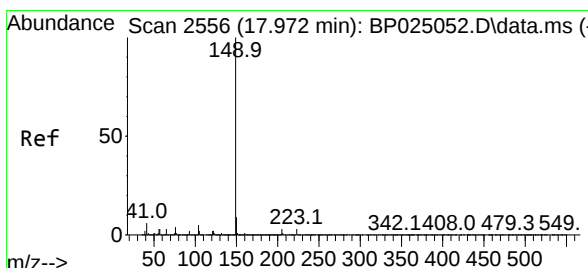
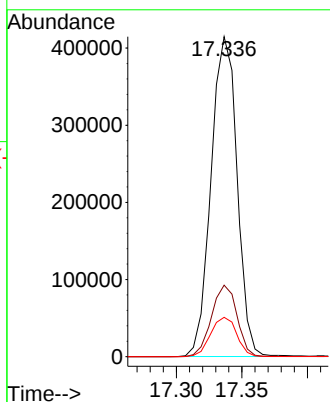
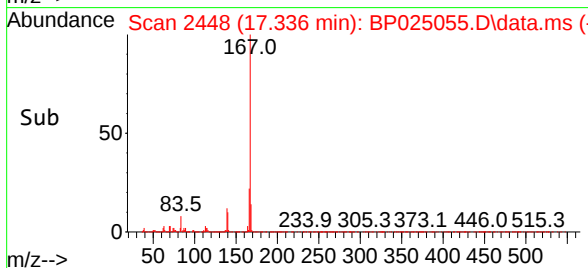


Tgt Ion: 167 Resp: 572614

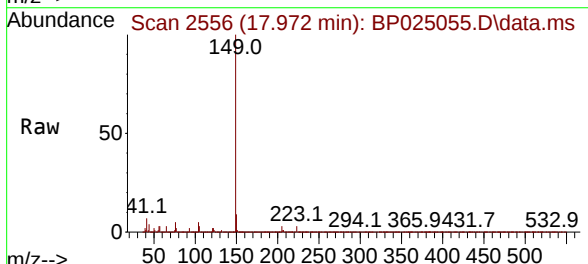
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.2
139	12.3	10.2	15.2

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Reviewed By :Rahul Chavli 07/02/2025
 Supervised By :Jagrut Upadhyay 07/02/2025

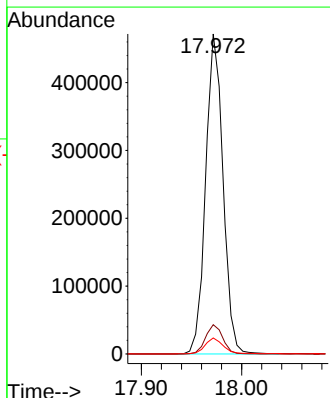
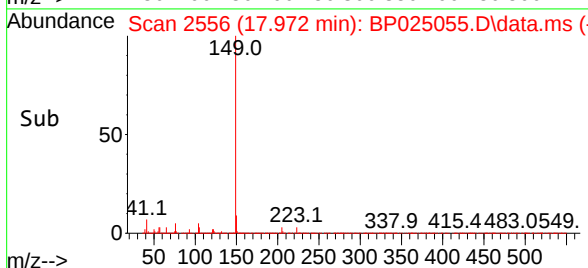


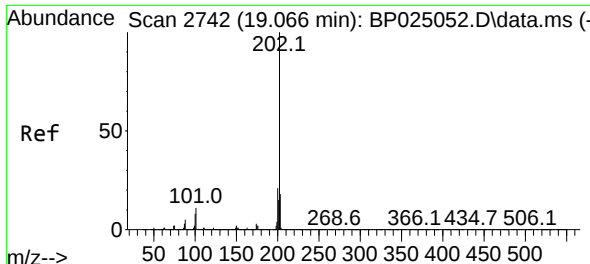
#78
 Di-n-butylphthalate
 Concen: 4.175 ng/ul
 RT: 17.972 min Scan# 2556
 Delta R.T. 0.006 min
 Lab File: BP025055.D
 Acq: 01 Jul 2025 14:09



Tgt Ion: 149 Resp: 567263

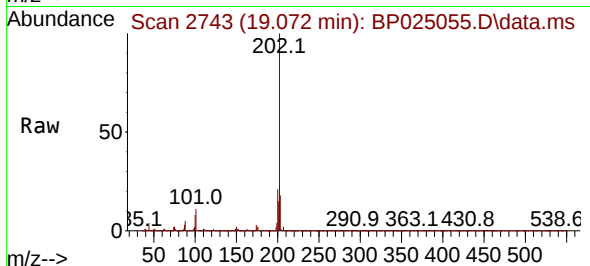
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.0	3.7	5.5





#80
Fluoranthene
Concen: 4.435 ng/u1
RT: 19.072 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

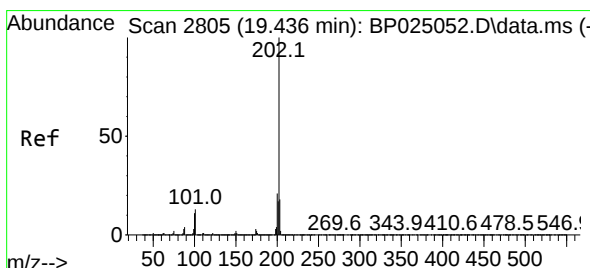
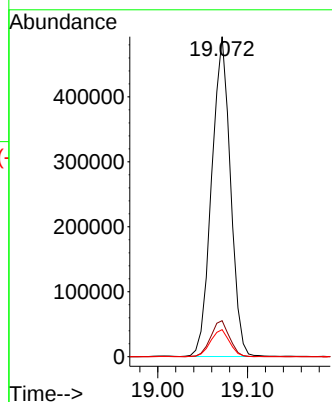
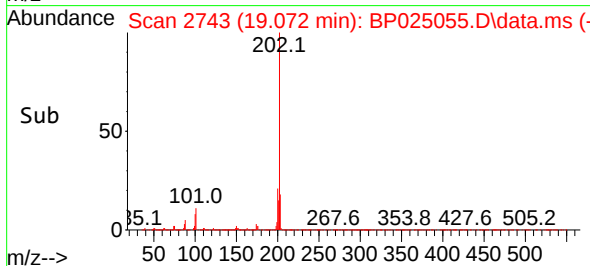
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03



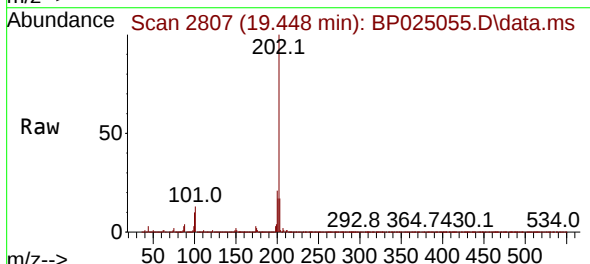
Tgt Ion:202 Resp: 71697
Ion Ratio Lower Upper
202 100
101 11.3 8.2 12.4
100 8.5 6.3 9.5

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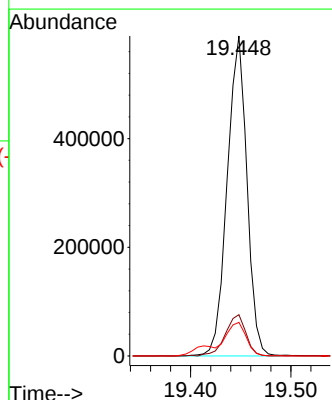
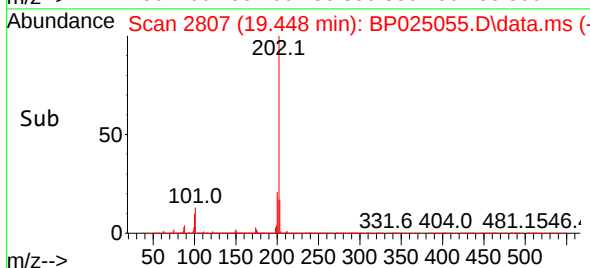
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

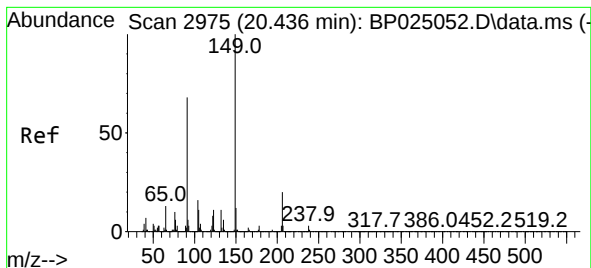


#82
Pyrene
Concen: 4.673 ng/u1
RT: 19.448 min Scan# 2807
Delta R.T. 0.018 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09



Tgt Ion:202 Resp: 801876
Ion Ratio Lower Upper
202 100
101 12.9 10.8 16.2
100 10.5 8.8 13.2





#83

Butylbenzylphthalate

Concen: 3.546 ng/ul

RT: 20.436 min Scan# 2975

Delta R.T. 0.000 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2025-03

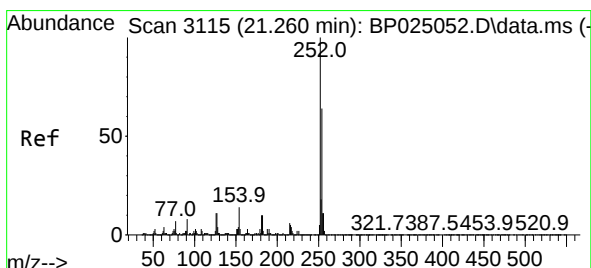
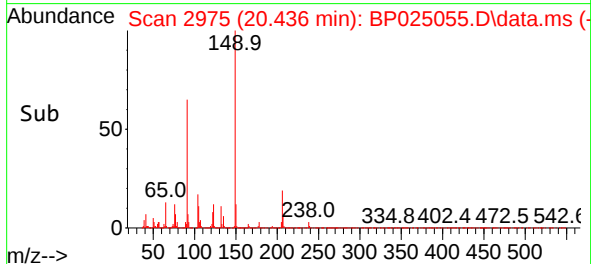
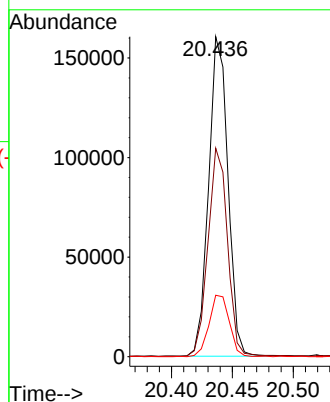
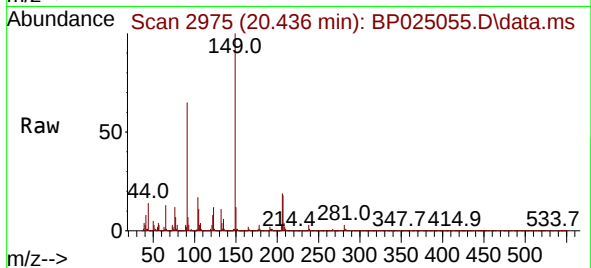
Tgt Ion:	149	Resp:	176700
Ion Ratio	Lower	Upper	
149	100		
91	65.1	53.4	80.2
206	19.2	15.8	23.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#84

3,3'-Dichlorobenzidine

Concen: 4.370 ng/ul

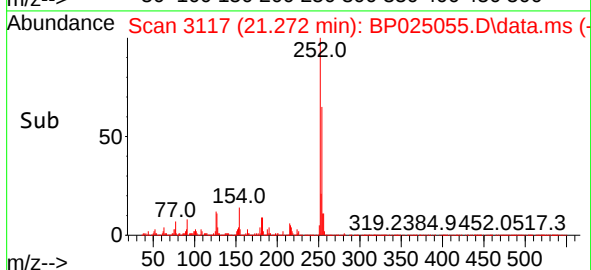
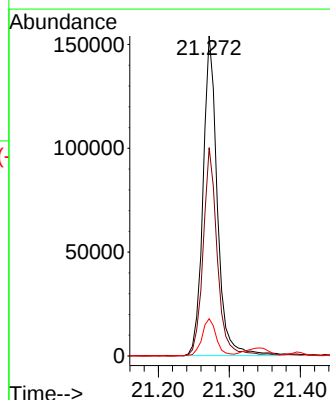
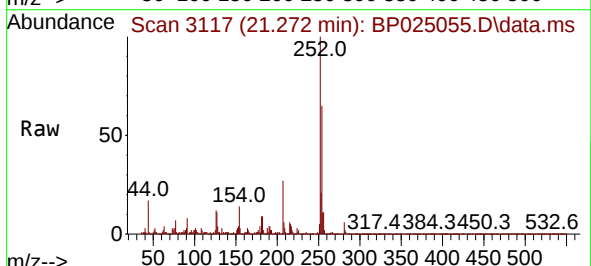
RT: 21.272 min Scan# 3117

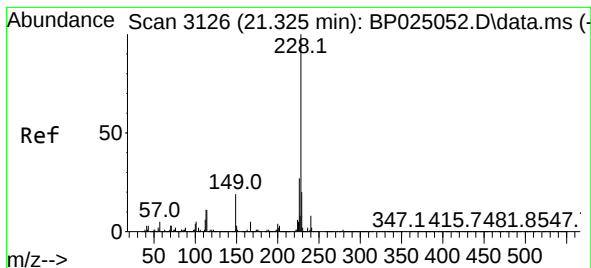
Delta R.T. 0.006 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Tgt Ion:	252	Resp:	216746
Ion Ratio	Lower	Upper	
252	100		
254	65.1	51.8	77.8
126	11.7	8.8	13.2





#85

Benzo(a)anthracene

Concen: 4.624 ng/ul

RT: 21.330 min Scan# 3126

Delta R.T. 0.006 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2025-03

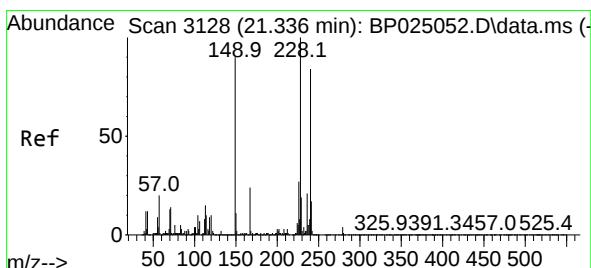
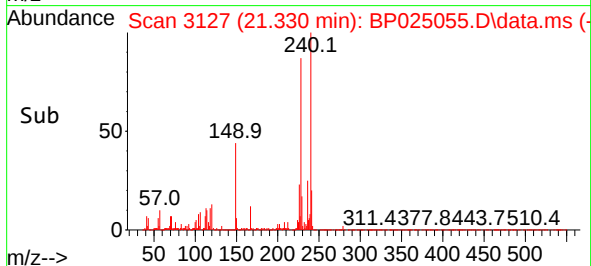
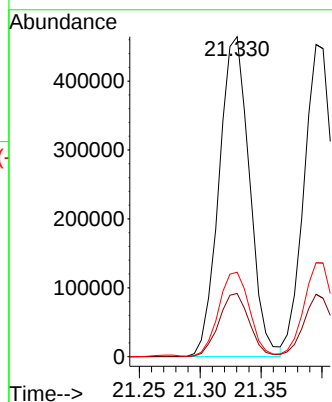
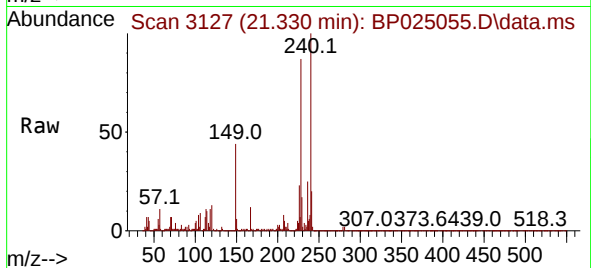
Tgt Ion:	228	Resp:	806992
Ion Ratio	Lower	Upper	
228	100		
229	19.7	16.1	24.1
226	26.4	22.0	33.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.833 ng/ul

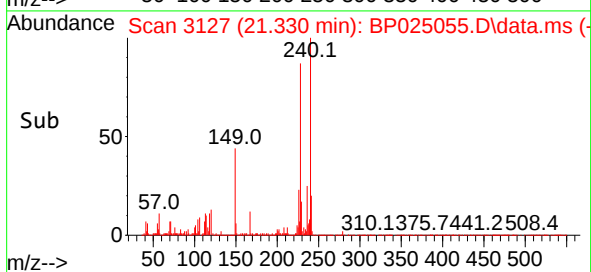
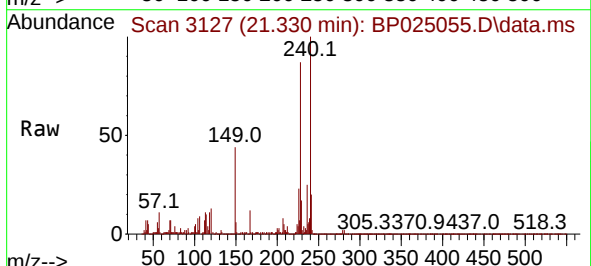
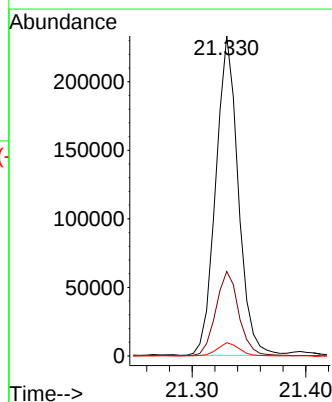
RT: 21.330 min Scan# 3127

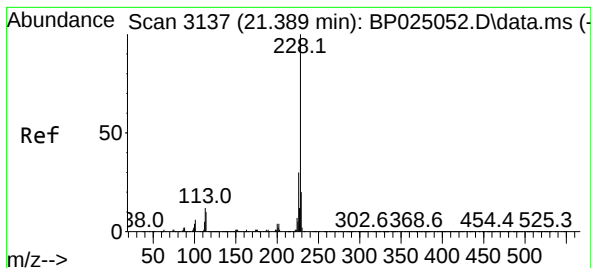
Delta R.T. -0.006 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Tgt Ion:	149	Resp:	320588
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.9	32.9
279	4.1	3.6	5.4





#87

Chrysene

Concen: 4.680 ng/ul

RT: 21.395 min Scan# 3137

Delta R.T. 0.006 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2025-03

Tgt Ion:228 Resp: 76136

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

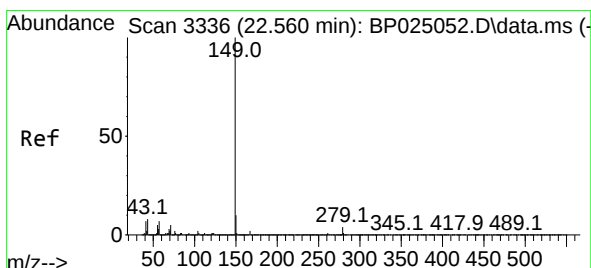
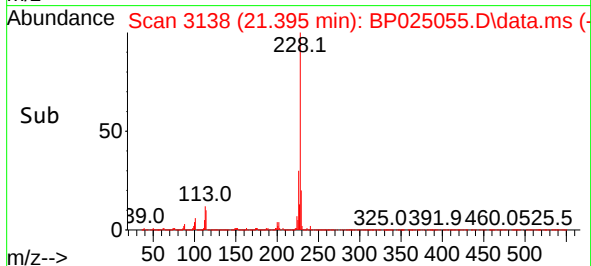
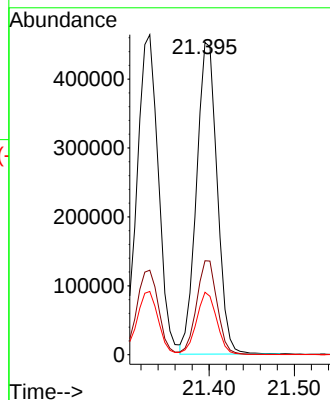
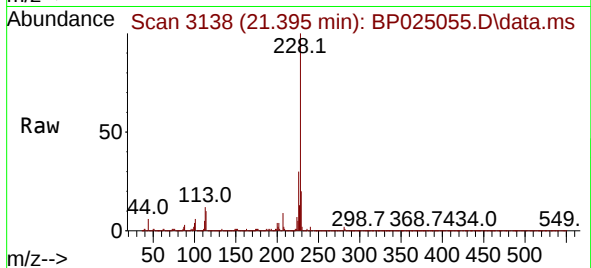
229 20.0 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#89

Di-n-octyl phthalate

Concen: 3.026 ng/ul

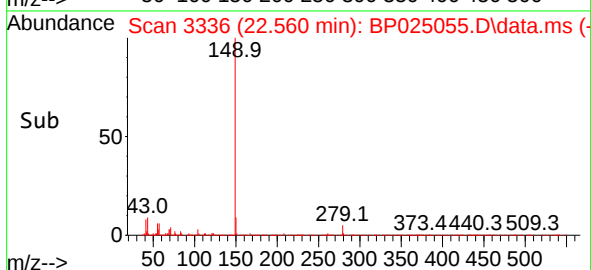
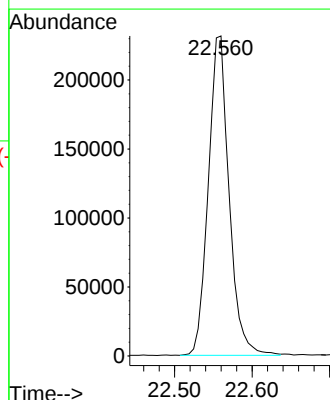
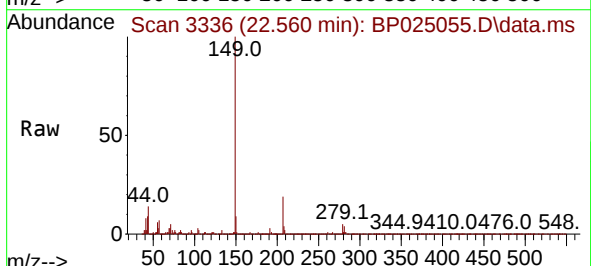
RT: 22.560 min Scan# 3336

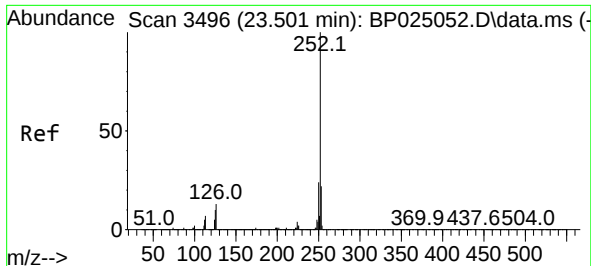
Delta R.T. 0.000 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

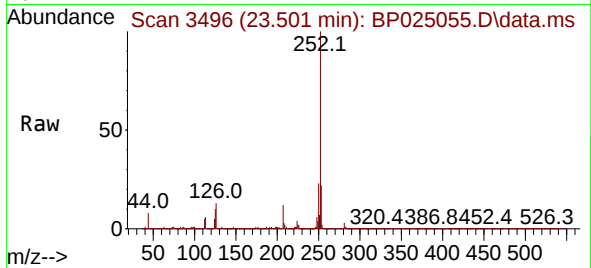
Tgt Ion:149 Resp: 430630





#90
Benzo(b)fluoranthene
Concen: 4.406 ng/u1
RT: 23.501 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

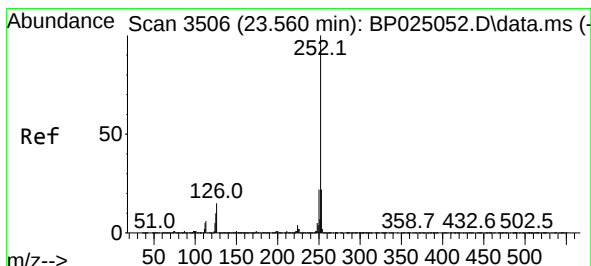
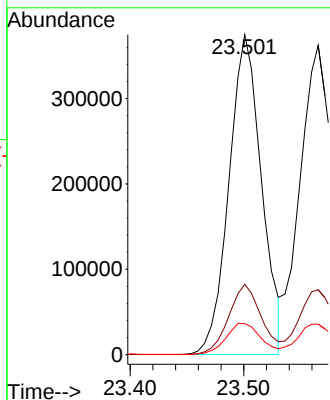
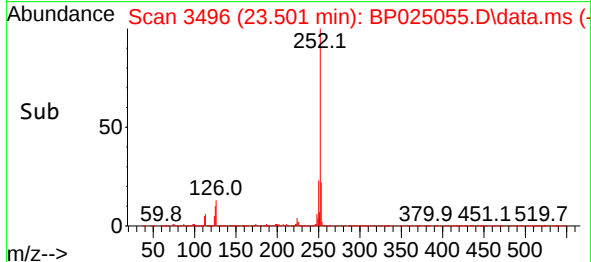
Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT2-2025-03



Tgt Ion:252 Resp: 74585
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.7 8.2 12.2

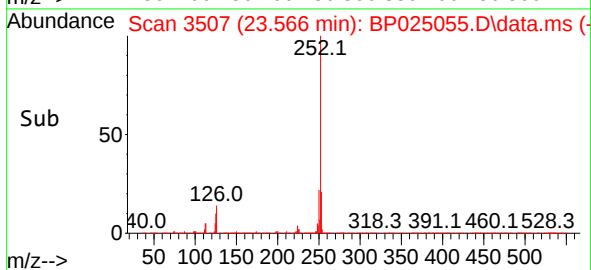
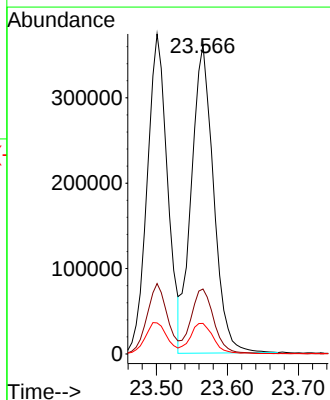
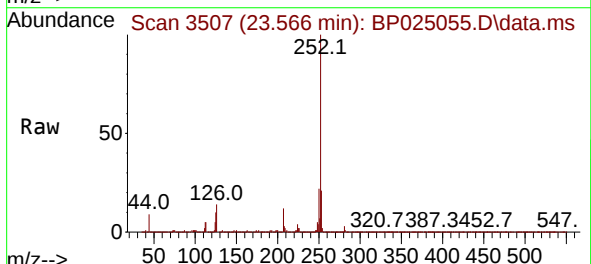
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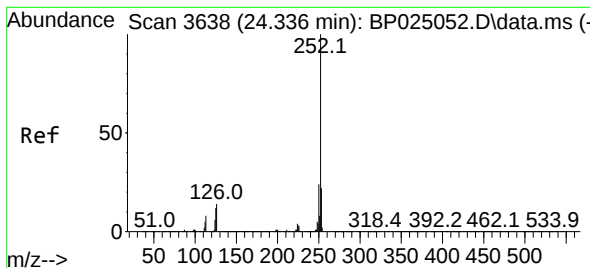
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#91
Benzo(k)fluoranthene
Concen: 4.642 ng/u1
RT: 23.566 min Scan# 3507
Delta R.T. 0.000 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

Tgt Ion:252 Resp: 783867
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 9.9 8.2 12.2





#93

Benzo(a)pyrene

Concen: 4.461 ng/ul

RT: 24.330 min Scan# 30

Delta R.T. -0.012 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-QT2-2025-03

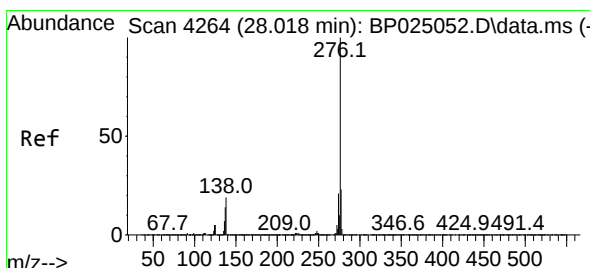
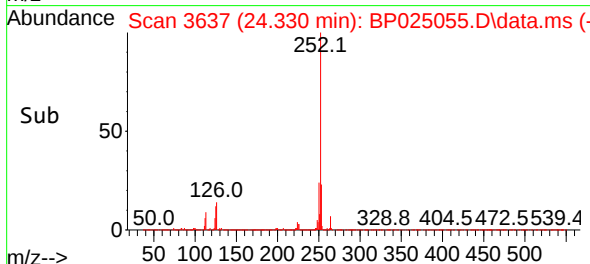
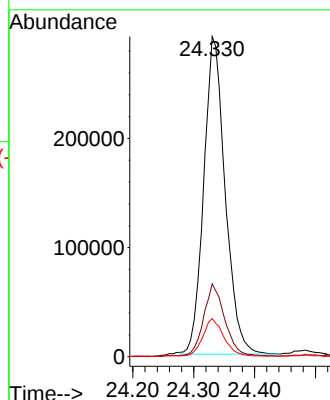
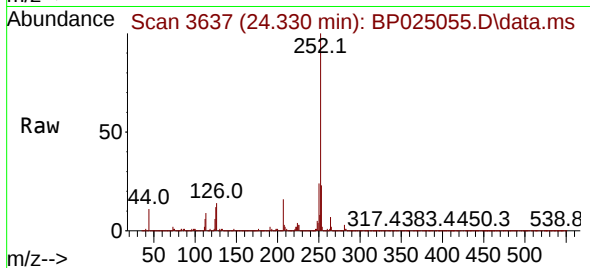
Tgt Ion:	252	Resp:	71124
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.4	26.2
125	11.9	8.9	13.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.287 ng/ul m

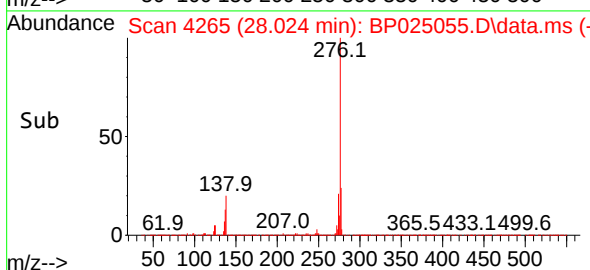
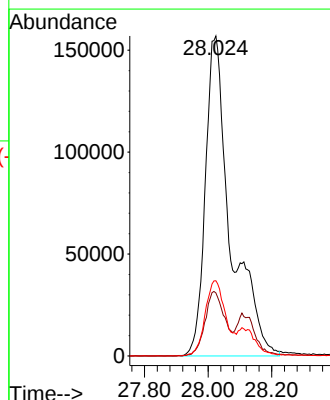
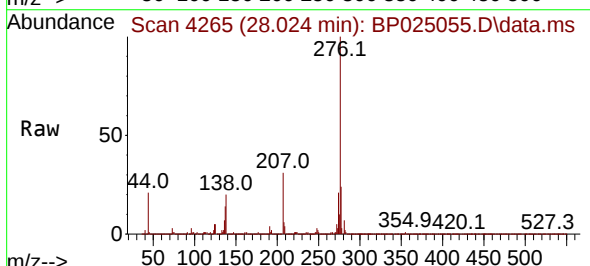
RT: 28.024 min Scan# 4265

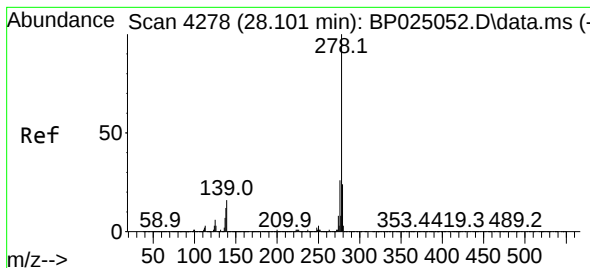
Delta R.T. 0.018 min

Lab File: BP025055.D

Acq: 01 Jul 2025 14:09

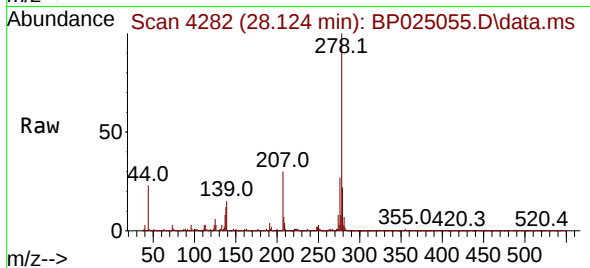
Tgt Ion:	276	Resp:	866706
Ion Ratio	Lower	Upper	
276	100		
138	19.7	16.2	24.2
277	23.5	19.8	29.6





#95
Dibenzo(a,h)anthracene
Concen: 4.339 ng/ul m
RT: 28.124 min Scan# 4282
Delta R.T. 0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09

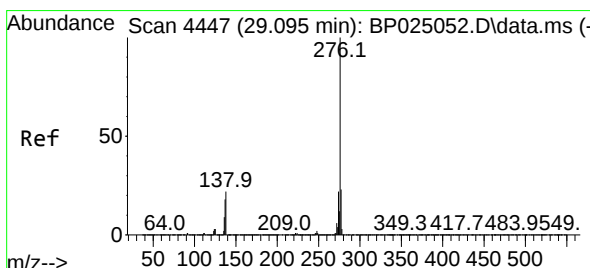
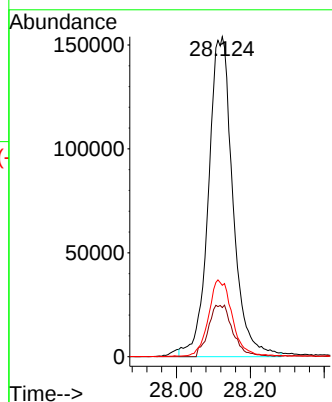
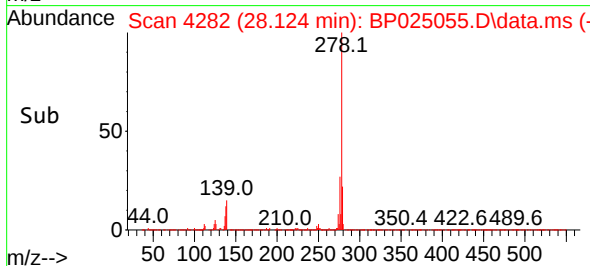
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT2-2025-03



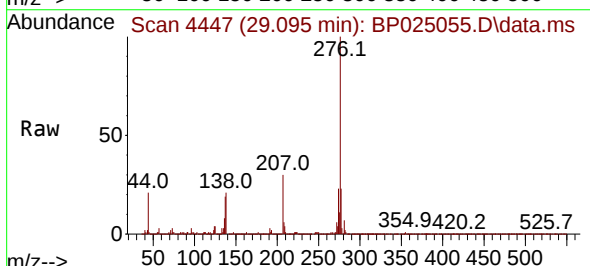
Tgt Ion: 278 Resp: 706172
Ion Ratio Lower Upper
278 100
139 15.3 12.4 18.6
279 22.3 18.8 28.2

Manual Integrations
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Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#96
Benzo(g,h,i)perylene
Concen: 4.648 ng/ul
RT: 29.095 min Scan# 4447
Delta R.T. -0.006 min
Lab File: BP025055.D
Acq: 01 Jul 2025 14:09



Tgt Ion: 276 Resp: 772518
Ion Ratio Lower Upper
276 100
138 21.3 17.1 25.7
277 22.8 19.0 28.4

